
30/04/2025 08:47:49


30/04/2025 08:47:49


30/04/2025 08:47:49


30/04/2025 08:47:49


30/04/2025 08:47:50



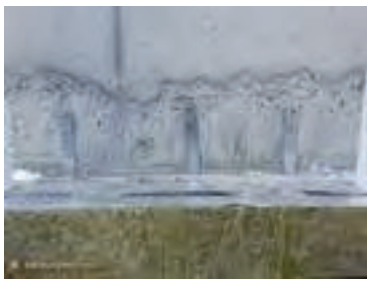
30/04/2025 08:47:50


30/04/2025 08:47:50


30/04/2025 08:47:51


30/04/2025 08:47:51


30/04/2025 08:47:51


30/04/2025 08:47:51


30/04/2025 08:47:52


30/04/2025 08:47:52


30/04/2025 08:47:52


30/04/2025 08:47:52


30/04/2025 08:47:53


30/04/2025 08:47:53


30/04/2025 08:47:53


30/04/2025 08:47:54


30/04/2025 08:47:54


30/04/2025 08:47:54


30/04/2025 08:47:54


30/04/2025 08:47:55


30/04/2025 08:47:55


30/04/2025 08:47:55


30/04/2025 08:47:55


30/04/2025 08:47:56

#3


21/05/2025 10:49:11


21/05/2025 10:49:16


21/05/2025 10:49:22


21/05/2025 10:49:36


21/05/2025 10:49:42

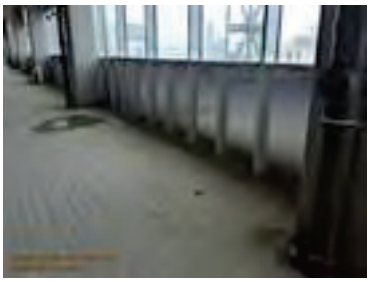
#4



29/05/2025 14:00:59



29/05/2025 14:01:08



29/05/2025 14:01:16



29/05/2025 14:01:23



29/05/2025 14:01:30



29/05/2025 14:01:37



29/05/2025 14:01:42



29/05/2025 14:01:48



29/05/2025 14:01:54



29/05/2025 14:02:03

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed Supply Chain Partner	

[redacted]

Abi Belfield (Willmott Dixon Construction)

16/09/2025 13:51:30

All Evidence available & actions closed Willmott Dixon	



Chris Ward (RED Systems Ltd)

16/09/2025 13:51:35

Date Closed	16/09/2025
Approval to pay	

QD Checklist-P1-Cavity Barriers External

cavity barriers south mast 9 see bespoke items for all photos

Form Reference	F486347.11
Owned By	Lily Pringle (Willmott Dixon Construction)
Date	04/04/2025 11:03:01
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Mast 9 CL - F>South Elevation>Curtain Wall - REDs>Facades>QUALITY DELIVERY

Form Location	Mast 9 CL - F
Supply Chain	RED Systems Ltd
Area of Work/Location	cavity barriers south mast 9 see bespoke items for all photos

General

#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	Windows & Curtain Walling	04/04/2025	04/04/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	2400808 R02 MA23146 OFR FIRE STRATEGY	ab	ab
2	Confirm Drawing	GRE BDP ZZ XX DR A 22101	ab	ab

#	Document Name	Created By	Date	
1	240808-R02-MA23146-OFR_Stage_4_Strategy-DF-CIC.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:04:12
2	GRE-BDP-ZZ-XX-DR-A-21306 (12) acoustic barrier.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:04:31
2	GRE-BDP-ZZ-XX-DR-A-21307 (13).pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:04:34
2	GRE-BDP-ZZ-XX-DR-A-22101 (2).pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:04:38
2	Siderise-CW-Quick-Ref-Instructions-v2.05.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:04:41

Apply & Control

Note - This QD Checklist relates to external fire/cavity barriers only. Please refer to the QD checklist - Building Envelope - Cavity barrier Internal for any cavity barriers work elements located within the building (above ceilings, below floors etc)

Pre-start checks

Check SCP & WD site management have a thorough understanding of the projects external envelope	Yes
Agree the QD checklist regime/frequency is relevant to the type of façade being installed (i.e. brickwork by lift)	Yes
Does Fire Safety Strategy and/or façade details specify location type & manufacturer of all cavity barriers (horizontal, vertical & to perimeter of openings)	Yes
Has the Fire Consultant reviewed façade design/specification to confirm compliance, including the review of products?	Yes
Agree the 3rd party inspection schedule with the external Fire Consultant	Yes
Check cavity barrier has been tested & certified by UKAS accredited testing authority for the situation that they are being installed	Yes
Check barrier type is suitable for its location - vertical, horizontal or party wall types, as applicable to Fire strategy/Architect's details	Yes
Check product manual & installation instructions are available & have been understood by the SCP/operatives/WD site team	Yes
Check proposed/designed cavity void dimensions & ensure correct width/thickness of barrier delivered to suit compression/friction fit required by manufacture	Yes
Check to establish if there are any differing installation/orientation requirements between horizontal & vertical cavity barriers (i.e. open or closed state)	Yes

Check all openings & interfacing elements are within positional, verticality, alignment tolerances & ready for installation of fire barriers	Yes
Is the proposed line of cavity barrier installation clear of any obstructions such as balcony connections, secondary steelwork, duct penetrations or scaffold ties etc…	Yes
Check cavity barrier materials, brackets-length & gauge of steel, non-combustible fixings, joint tape are available & all relate correctly to manufacturer's requirements	Yes
Check installing SCP has been accredited and certified to install Cavity Barriers	Yes
Check SCP's SSS supervisor has required competency, as dictated by Willmott Dixon Fire Safety Requirements Policy. Same person being authorised signatory on this checklist	Yes
Check operative installation training has been conducted in accordance with requirements of Willmott Dixon Fire Safety Requirements Policy	Yes
HOLD POINT 1 - Pre-start checks completed	

[redacted]

Abi Belfield (Willmott Dixon Construction) — Anthony Bowen (RED Systems Ltd)

24/04/2025 07:30:01 — 24/04/2025 07:30:09

Installation of Brackets (as applicable) to all locations, including window and door openings	
Fix cavity barrier brackets to inner wall (sheathing boards, internal blockwork etc.) with suitable fixings specified by manufacturer & as per Willmott Dixon Fixings & Anchors Policy	Yes
Install brackets for horizontal cavity barriers at correct centres, noting setting out requirements from each end of barriers (barriers are typically 1200mm long)	Yes
Install brackets for vertical cavity barriers at correct centres, noting setting out requirements from each end of barriers (barriers are typically 1200mm long)	Yes
Check the bracket is of the correct type (size/gauge) to suit to the specified cavity/void width	Yes
Check bracket is correct length to ensure it can be impaled into the barrier by specified amount. This is typically impaled by 75% of barrier width	Yes
HOLD POINT 2 - Installation of Brackets complete	

[redacted]

Abi Belfield (Willmott Dixon Construction) — Anthony Bowen (RED Systems Ltd)

24/04/2025 07:30:15 — 24/04/2025 07:30:23

Installation of vertical / horizontal cavity barriers to all locations, including window and door openings	
Where polythene sleeved cavity barriers are installed, ensure compression is as per manufacturers recommendations (e.g. 10% or 10mm)	Yes
Where friction fit cavity barrier slabs are installed, check they are tightly fitted (i.e. no gaps between outer and inner wall constructions)	Yes
Where compression fit cavity barrier slabs are installed, ensure compression is as per manufacturers recommendations (e.g. 10% or 10mm)	Yes
If applicable, check site cut cavity barrier slabs when installed against masonry have a DPC/Cavity Tray to the external leaf side	Yes
Check barriers are tightly abutted at ends and corners	Yes
Check all joints are sealed with foil tape or other as specified by cavity barrier manufacturer & as applicable	Yes

	Check where brackets fully penetrate barrier they extend beyond its front face & are folded back by the specified amounts	Yes
	If cavity barrier is an "Open State type" (ventilated cavity) check intumescent strip is positioned outwards, towards cladding and the right way up	Yes
	If cavity barrier is an "Open State type", check the specified gap has been achieved between the cladding and barrier	Yes
	HOLD POINT 3 - Installation complete - proprietary fire rated cavity barriers to all locations, including perimeter of all window & door openings, fitted in accordance with manufacturer's guidance	

[redacted]

Abi Belfield (Willmott Dixon Construction)
24/04/2025 07:30:35

Anthony Bowen (RED Systems Ltd)
24/04/2025 07:30:43

	Installation of fire rated cavity closers to window and door openings, with masonry outer skin, as applicable	
	If using "1st fix option" i.e built into opening as work proceeds, check supplied wall ties fixed as dictated by manufacture	N/A
	Check cavity closer completely closes the cavity (at cills, jambs & head) & is tight fitted between inner & outer wall constructions or jointed sections. Any cavity insulation must be cut back	N/A
	The PVC up-stand should be fitted against the external leaf to deflect any moisture penetration through the brick	N/A
	HOLD POINT 4 - Installation complete - proprietary fire rated cavity closers to the perimeter of all window & door openings fitted in accordance with manufacturer's guidance	

[redacted]

Abi Belfield (Willmott Dixon Construction)
02/07/2025 14:46:52

	Fire Consultant inspection	
	HOLD POINT 5 - Final checks before proceeding to next lift or floor level, as applicable. Include details of Fire Consultant inspection - see under evidence for details.	

[redacted]

Abi Belfield (Willmott Dixon Construction)
02/07/2025 14:46:55

	HOLD POINT 6 - Confirm any remedial works identified by Fire Consultants' cavity barrier inspection have been recorded, completed & verified as complete. Void closure now authorised	

[redacted]

Abi Belfield (Willmott Dixon Construction)
02/07/2025 14:46:57

Bespoke Items - Additional Hold Points/Additional Checks

#	Additional Hold Point	Additional check
1	level 6 mast 9 checka	

#	Additional Hold Point	Additional check
2	level 3 mast 9	
3	level 4 mast 9	
4	level 5	

#	Reference	Description	Date	Status	Issued To Package	Issued To Organisation
3	T486347.49	small gaps where concrete not straight. are side rise happy?	24/04/2025 10:10:55	Signed Off	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



24/04/2025 10:10:55

#	Reference	Description	Date	Status	Issued To Package	Issued To Organisation
4	T410688.178	Large gap GL F	21/05/2025 10:37:34	Signed Off	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



21/05/2025 10:37:34

Images

#1



04/04/2025 11:03:47



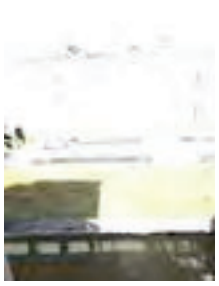
12/04/2025 09:49:20



12/04/2025 09:49:20



12/04/2025 09:49:20



12/04/2025 09:49:20



12/04/2025 09:49:21



12/04/2025 09:49:21



12/04/2025 09:49:22



12/04/2025 09:49:22



12/04/2025 09:49:22



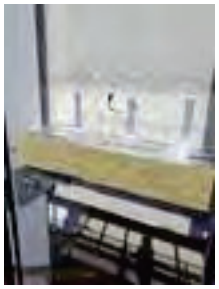
12/04/2025 09:49:23



12/04/2025 09:49:23



12/04/2025 09:49:23



12/04/2025 09:49:24



12/04/2025 09:49:24



12/04/2025 09:49:24



12/04/2025 09:49:25



12/04/2025 09:49:25



12/04/2025 09:49:25



12/04/2025 09:49:26



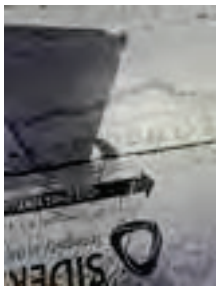
12/04/2025 09:49:26



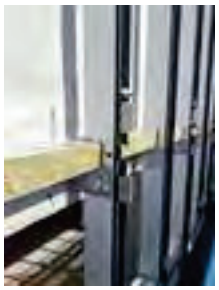




12/04/2025 09:49:26



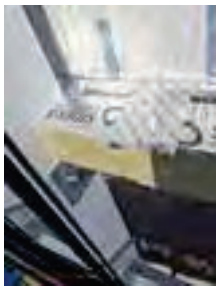
12/04/2025 09:49:27



12/04/2025 09:49:27



12/04/2025 09:49:27



12/04/2025 09:49:28



12/04/2025 09:49:28



12/04/2025 09:49:29



12/04/2025 09:49:29



12/04/2025 09:49:29

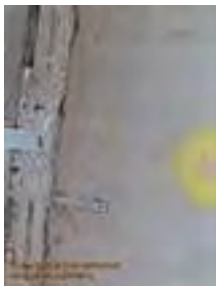


12/04/2025 09:49:30

12/04/2025 09:49:30

12/04/2025 09:49:30

#2



12/04/2025 10:45:36



12/04/2025 10:47:28



12/04/2025 10:47:29



12/04/2025 10:47:29



12/04/2025 10:47:29



12/04/2025 10:47:29


12/04/2025 10:47:30


12/04/2025 10:47:30


12/04/2025 10:47:30


12/04/2025 10:47:31


12/04/2025 10:47:31


12/04/2025 10:47:31


12/04/2025 10:47:31


12/04/2025 10:47:32


12/04/2025 10:47:32

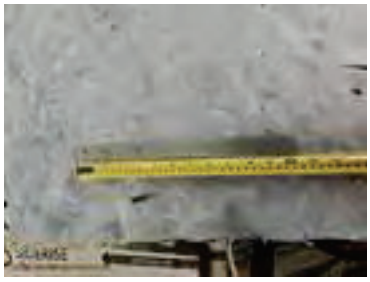

12/04/2025 10:47:32


12/04/2025 10:47:32


12/04/2025 10:47:33

#3


23/04/2025 16:08:15


23/04/2025 16:08:16


23/04/2025 16:08:16



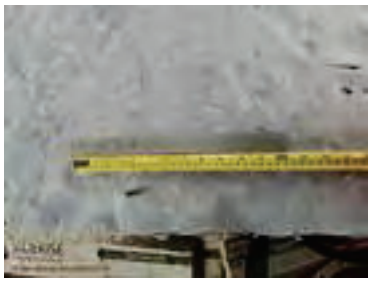
23/04/2025 16:08:16



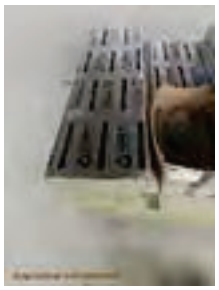
23/04/2025 16:08:16



23/04/2025 16:08:17



23/04/2025 16:08:17



23/04/2025 16:08:17



23/04/2025 16:08:17



23/04/2025 16:08:18



23/04/2025 16:08:18



23/04/2025 16:08:18



23/04/2025 16:08:18



23/04/2025 16:08:18



23/04/2025 16:08:18



23/04/2025 16:08:19



23/04/2025 16:08:19



23/04/2025 16:08:19







23/04/2025 16:08:19



23/04/2025 16:08:20



23/04/2025 16:08:20



23/04/2025 16:08:20



23/04/2025 16:08:20



23/04/2025 16:08:20



23/04/2025 16:08:20



23/04/2025 16:08:21



23/04/2025 16:08:21



23/04/2025 16:08:21



23/04/2025 16:08:21



23/04/2025 16:08:21

#4



21/05/2025 10:35:08



21/05/2025 10:35:14



21/05/2025 10:35:20



21/05/2025 10:35:40



21/05/2025 10:35:56



21/05/2025 10:37:43



21/05/2025 10:37:58



21/05/2025 10:38:07



21/05/2025 10:38:20



21/05/2025 10:38:27



21/05/2025 10:38:33

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed Supply Chain Partner	

[redacted]

Chris Ward (RED Systems Ltd)

16/09/2025 13:46:42

All Evidence available & actions closed Willmott Dixon	

[redacted]

Abi Belfield (Willmott Dixon Construction)

08/07/2025 10:53:14

Date Closed	08/07/2025
Approval to pay	

QD Checklist-P1-Cavity Barriers External

mast 6

Form Reference	F421609.278
Owned By	Anthony Bowen (RED Systems Ltd)
Date	08/04/2025 11:19:18
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Mast 6 GL 2-5>East Elevation>Curtain Wall - REDs>Facades>QUALITY DELIVERY

Form Location	Mast 6 GL 2-5
Supply Chain	RED Systems Ltd
Area of Work/Location	mast 6

General

#	Work Section	Element	Date Planned	Date Accepted
1	External works	Fire Protection	08/04/2025	08/04/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	2400808 R02 MA23146 OFR FIRE STRATEGY	ab	ab
2	Confirm Drawing	GRE BDP ZZ XX DR A 22101	ab	ab

#	Document Name	Created By	Date	
1	240808-R02-MA23146-OFR_Stage_4_Strategy-DF-CIC.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:08:13
2	GRE-BDP-ZZ-XX-DR-A-21306 (12) acoustic barrier.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:08:29
2	GRE-BDP-ZZ-XX-DR-A-21307 (13).pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:08:31
2	GRE-BDP-ZZ-XX-DR-A-22101 (2).pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:08:32
2	Siderise-CW-Quick-Ref-Instructions-v2.05.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:08:34

Apply & Control

Note - This QD Checklist relates to external fire/cavity barriers only. Please refer to the QD checklist - Building Envelope - Cavity barrier Internal for any cavity barriers work elements located within the building (above ceilings, below floors etc)

Pre-start checks

Check SCP & WD site management have a thorough understanding of the projects external envelope	Yes
Agree the QD checklist regime/frequency is relevant to the type of façade being installed (i.e. brickwork by lift)	Yes
Does Fire Safety Strategy and/or façade details specify location type & manufacturer of all cavity barriers (horizontal, vertical & to perimeter of openings)	Yes
Has the Fire Consultant reviewed façade design/specification to confirm compliance, including the review of products?	Yes
Agree the 3rd party inspection schedule with the external Fire Consultant	Yes
Check cavity barrier has been tested & certified by UKAS accredited testing authority for the situation that they are being installed	Yes
Check barrier type is suitable for its location - vertical, horizontal or party wall types, as applicable to Fire strategy/Architect's details	Yes
Check product manual & installation instructions are available & have been understood by the SCP/operatives/WD site team	Yes
Check proposed/designed cavity void dimensions & ensure correct width/thickness of barrier delivered to suit compression/friction fit required by manufacture	Yes
Check to establish if there are any differing installation/orientation requirements between horizontal & vertical cavity barriers (i.e. open or closed state)	Yes

Check all openings & interfacing elements are within positional, verticality, alignment tolerances & ready for installation of fire barriers	Yes
Is the proposed line of cavity barrier installation clear of any obstructions such as balcony connections, secondary steelwork, duct penetrations or scaffold ties etc…	Yes
Check cavity barrier materials, brackets-length & gauge of steel, non-combustible fixings, joint tape are available & all relate correctly to manufacturer's requirements	Yes
Check installing SCP has been accredited and certified to install Cavity Barriers	Yes
Check SCP's SSS supervisor has required competency, as dictated by Willmott Dixon Fire Safety Requirements Policy. Same person being authorised signatory on this checklist	Yes
Check operative installation training has been conducted in accordance with requirements of Willmott Dixon Fire Safety Requirements Policy	Yes
HOLD POINT 1 - Pre-start checks completed	

[redacted]

Abi Belfield (Willmott Dixon Construction)
16/09/2025 14:01:26

Chris Ward (RED Systems Ltd)
16/09/2025 14:01:34

Installation of Brackets (as applicable) to all locations, including window and door openings	
Fix cavity barrier brackets to inner wall (sheathing boards, internal blockwork etc.) with suitable fixings specified by manufacturer & as per Willmott Dixon Fixings & Anchors Policy	Yes
Install brackets for horizontal cavity barriers at correct centres, noting setting out requirements from each end of barriers (barriers are typically 1200mm long)	Yes
Install brackets for vertical cavity barriers at correct centres, noting setting out requirements from each end of barriers (barriers are typically 1200mm long)	Yes
Check the bracket is of the correct type (size/gauge) to suit to the specified cavity/void width	Yes
Check bracket is correct length to ensure it can be impaled into the barrier by specified amount. This is typically impaled by 75% of barrier width	Yes
HOLD POINT 2 - Installation of Brackets complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)
16/09/2025 14:01:37

Chris Ward (RED Systems Ltd)
16/09/2025 14:01:44

Installation of vertical / horizontal cavity barriers to all locations, including window and door openings	
Where polythene sleeved cavity barriers are installed, ensure compression is as per manufacturers recommendations (e.g. 10% or 10mm)	Yes
Where friction fit cavity barrier slabs are installed, check they are tightly fitted (i.e. no gaps between outer and inner wall constructions)	Yes

Images



23/04/2025 15:56:39



23/04/2025 15:56:51

Comments	Created By	Date
100mm panel to ensure compression	Abi Belfield (Willmott Dixon Construction)	23/04/2025 15:57:06

Where compression fit cavity barrier slabs are installed, ensure compression is as per manufacturers recommendations (e.g. 10% or 10mm)	Yes
If applicable, check site cut cavity barrier slabs when installed against masonry have a DPC/Cavity Tray to the external leaf side	N/A
Check barriers are tightly abutted at ends and corners	Yes

Images



23/04/2025 15:57:26



23/04/2025 15:57:41

Check all joints are sealed with foil tape or other as specified by cavity barrier manufacturer & as applicable	Yes

Images



23/04/2025 15:57:51

Check where brackets fully penetrate barrier they extend beyond its front face & are folded back by the specified amounts	Yes

Images



23/04/2025 15:58:02

	If cavity barrier is an "Open State type" (ventilated cavity) check intumescent strip is positioned outwards, towards cladding and the right way up	Yes
	If cavity barrier is an "Open State type", check the specified gap has been achieved between the cladding and barrier	Yes
	HOLD POINT 3 - Installation complete - proprietary fire rated cavity barriers to all locations, including perimeter of all window & door openings, fitted in accordance with manufacturer's guidance	



Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:01:50

Installation of fire rated cavity closers to window and door openings, with masonry outer skin, as applicable		
	If using "1st fix option" i.e built into opening as work proceeds, check supplied wall ties fixed as dictated by manufacture	Yes
	Check cavity closer completely closes the cavity (at cills, jambs & head) & is tight fitted between inner & outer wall constructions or jointed sections. Any cavity insulation must be cut back	Yes
	The PVC up-stand should be fitted against the external leaf to deflect any moisture penetration through the brick	Yes
	HOLD POINT 4 - Installation complete - proprietary fire rated cavity closers to the perimeter of all window & door openings fitted in accordance with manufacturer's guidance	



Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:02:06

Fire Consultant inspection		
	HOLD POINT 5 - Final checks before proceeding to next lift or floor level, as applicable. Include details of Fire Consultant inspection - see under evidence for details.	



Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:02:09

	HOLD POINT 6 - Confirm any remedial works identified by Fire Consultants' cavity barrier inspection have been recorded, completed & verified as complete. Void closure now authorised	



Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:02:11

Bespoke Items - Additional Hold Points/Additional Checks		
#	**Additional Hold Point**	**Additional check**
1	mast 6 level 6	
2	mast 6 level 3	
3	level 5	
4	level 4	

Images

#1



12/04/2025 10:13:15



12/04/2025 10:13:21

#2



12/04/2025 11:01:16



12/04/2025 11:01:16



12/04/2025 11:01:16



12/04/2025 11:01:16



12/04/2025 11:01:16



12/04/2025 11:01:17



12/04/2025 11:01:17



12/04/2025 11:01:17



12/04/2025 11:01:17



12/04/2025 11:01:18



12/04/2025 11:01:18



12/04/2025 11:01:18



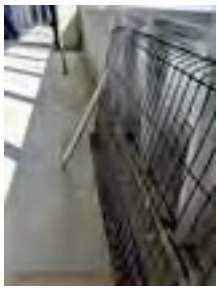
12/04/2025 11:01:19



12/04/2025 11:01:19



12/04/2025 11:01:19



12/04/2025 11:01:19



12/04/2025 11:01:20



12/04/2025 11:01:20



12/04/2025 11:01:20



12/04/2025 11:01:25

#3



21/05/2025 10:30:32



21/05/2025 10:30:38



21/05/2025 10:30:44



21/05/2025 10:30:54



21/05/2025 10:31:13



21/05/2025 10:31:19



21/05/2025 10:31:31

#4



21/05/2025 10:51:56



21/05/2025 10:52:02



21/05/2025 10:52:08



21/05/2025 10:52:14



21/05/2025 10:52:43



21/05/2025 10:52:48

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed Supply Chain Partner	

[redacted]

Chris Ward (RED Systems Ltd)

16/09/2025 14:02:28

All Evidence available & actions closed Willmott Dixon	

[redacted]

Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:02:19

Date Closed	16/09/2025
Approval to pay	

QD Checklist-P1-Cavity Barriers External

mast 15

Form Reference	F421609.276
Owned By	Anthony Bowen (RED Systems Ltd)
Date	08/04/2025 11:18:49
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Mast 15 5a - P>West Elevation>Curtain Wall - REDs>Facades>QUALITY DELIVERY

Form Location	Mast 15 5a - P
Supply Chain	RED Systems Ltd
Area of Work/Location	mast 15

General

#	Work Section	Element	Date Planned	Date Accepted
1	External works	Fire Protection	08/04/2025	08/04/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	2400808 R02 MA23146 OFR FIRE STRATEGY	ab	ab
2	Confirm Drawing	GRE BDP ZZ XX DR A 22101	ab	ab

#	Document Name	Created By	Date	
1	240808-R02-MA23146-OFR_Stage_4_Strategy-DF-CIC.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:13:55
2	GRE-BDP-ZZ-XX-DR-A-21306 (12) acoustic barrier.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:14:08
2	GRE-BDP-ZZ-XX-DR-A-21307 (13).pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:14:10
2	GRE-BDP-ZZ-XX-DR-A-22101 (2).pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:14:11
2	Siderise-CW-Quick-Ref-Instructions-v2.05.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:14:13

Apply & Control

Note - This QD Checklist relates to external fire/cavity barriers only. Please refer to the QD checklist - Building Envelope - Cavity barrier Internal for any cavity barriers work elements located within the building (above ceilings, below floors etc)

Pre-start checks

Check SCP & WD site management have a thorough understanding of the projects external envelope	Yes
Agree the QD checklist regime/frequency is relevant to the type of façade being installed (i.e. brickwork by lift)	Yes
Does Fire Safety Strategy and/or façade details specify location type & manufacturer of all cavity barriers (horizontal, vertical & to perimeter of openings)	Yes
Has the Fire Consultant reviewed façade design/specification to confirm compliance, including the review of products?	Yes
Agree the 3rd party inspection schedule with the external Fire Consultant	Yes
Check cavity barrier has been tested & certified by UKAS accredited testing authority for the situation that they are being installed	Yes
Check barrier type is suitable for its location - vertical, horizontal or party wall types, as applicable to Fire strategy/Architect's details	Yes
Check product manual & installation instructions are available & have been understood by the SCP/operatives/WD site team	Yes
Check proposed/designed cavity void dimensions & ensure correct width/thickness of barrier delivered to suit compression/friction fit required by manufacture	Yes
Check to establish if there are any differing installation/orientation requirements between horizontal & vertical cavity barriers (i.e. open or closed state)	Yes

Check all openings & interfacing elements are within positional, verticality, alignment tolerances & ready for installation of fire barriers	Yes
Is the proposed line of cavity barrier installation clear of any obstructions such as balcony connections, secondary steelwork, duct penetrations or scaffold ties etc…	Yes
Check cavity barrier materials, brackets-length & gauge of steel, non-combustible fixings, joint tape are available & all relate correctly to manufacturer's requirements	Yes
Check installing SCP has been accredited and certified to install Cavity Barriers	Yes
Check SCP's SSS supervisor has required competency, as dictated by Willmott Dixon Fire Safety Requirements Policy. Same person being authorised signatory on this checklist	Yes
Check operative installation training has been conducted in accordance with requirements of Willmott Dixon Fire Safety Requirements Policy	Yes
HOLD POINT 1 - Pre-start checks completed	

[redacted]

Abi Belfield (Willmott Dixon Construction)
16/09/2025 13:57:06

Chris Ward (RED Systems Ltd)
16/09/2025 13:57:16

Installation of Brackets (as applicable) to all locations, including window and door openings	
Fix cavity barrier brackets to inner wall (sheathing boards, internal blockwork etc.) with suitable fixings specified by manufacturer & as per Willmott Dixon Fixings & Anchors Policy	Yes
Install brackets for horizontal cavity barriers at correct centres, noting setting out requirements from each end of barriers (barriers are typically 1200mm long)	Yes
Install brackets for vertical cavity barriers at correct centres, noting setting out requirements from each end of barriers (barriers are typically 1200mm long)	Yes
Check the bracket is of the correct type (size/gauge) to suit to the specified cavity/void width	Yes
Check bracket is correct length to ensure it can be impaled into the barrier by specified amount. This is typically impaled by 75% of barrier width	Yes
HOLD POINT 2 - Installation of Brackets complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)
16/09/2025 13:57:24

Chris Ward (RED Systems Ltd)
16/09/2025 13:57:42

Installation of vertical / horizontal cavity barriers to all locations, including window and door openings	
Where polythene sleeved cavity barriers are installed, ensure compression is as per manufacturers recommendations (e.g. 10% or 10mm)	Yes
Where friction fit cavity barrier slabs are installed, check they are tightly fitted (i.e. no gaps between outer and inner wall constructions)	Yes
Where compression fit cavity barrier slabs are installed, ensure compression is as per manufacturers recommendations (e.g. 10% or 10mm)	Yes
If applicable, check site cut cavity barrier slabs when installed against masonry have a DPC/Cavity Tray to the external leaf side	Yes
Check barriers are tightly abutted at ends and corners	Yes
Check all joints are sealed with foil tape or other as specified by cavity barrier manufacturer & as applicable	Yes
Check where brackets fully penetrate barrier they extend beyond its front face & are folded back by the specified amounts	Yes

	If cavity barrier is an "Open State type" (ventilated cavity) check intumescent strip is positioned outwards, towards cladding and the right way up	Yes
	If cavity barrier is an "Open State type", check the specified gap has been achieved between the cladding and barrier	Yes
	HOLD POINT 3 - Installation complete - proprietary fire rated cavity barriers to all locations, including perimeter of all window & door openings, fitted in accordance with manufacturer's guidance	



Abi Belfield (Willmott Dixon Construction)

16/09/2025 13:57:51

Installation of fire rated cavity closers to window and door openings, with masonry outer skin, as applicable	
If using "1st fix option" i.e built into opening as work proceeds, check supplied wall ties fixed as dictated by manufacture	Yes
Check cavity closer completely closes the cavity (at cills, jambs & head) & is tight fitted between inner & outer wall constructions or jointed sections. Any cavity insulation must be cut back	Yes
The PVC up-stand should be fitted against the external leaf to deflect any moisture penetration through the brick	Yes
HOLD POINT 4 - Installation complete - proprietary fire rated cavity closers to the perimeter of all window & door openings fitted in accordance with manufacturer's guidance	



Abi Belfield (Willmott Dixon Construction)

16/09/2025 13:57:56

Fire Consultant inspection	
HOLD POINT 5 - Final checks before proceeding to next lift or floor level, as applicable. Include details of Fire Consultant inspection - see under evidence for details.	



Abi Belfield (Willmott Dixon Construction)

16/09/2025 13:57:59

HOLD POINT 6 - Confirm any remedial works identified by Fire Consultants' cavity barrier inspection have been recorded, completed & verified as complete. Void closure now authorised	



Abi Belfield (Willmott Dixon Construction)

16/09/2025 13:58:00

Bespoke Items - Additional Hold Points/Additional Checks

#	Additional Hold Point	Additional check
1	5	
2	4	
3	3	

#	Reference	Description	Date	Status	Issued To Package	Issued To Organisation
2	T421609.571	take pictures of tie infill level 4 when completing	29/05/2025 14:10:43	Signed Off	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



29/07/2025 11:18:58

#	Reference	Description	Date	Status	Issued To Package	Issued To Organisation
3	T421609.572	take pictures of tie infill level 3 when completing	29/05/2025 14:14:24	Signed Off	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images

#1



21/05/2025 10:24:59



21/05/2025 10:25:09



21/05/2025 10:25:18

#2



29/05/2025 14:10:11

#3



29/05/2025 14:14:06

Complete for Quality

#	Check Item	S/C Initial	WD Initial	Type of Evidence
1	Works adequately protected			
2	Work area cleaned			

Closure

All Evidence available & actions closed Supply Chain Partner	



Colin Snelgrove (RED Systems Ltd)

16/09/2025 13:58:18

All Evidence available & actions closed Willmott Dixon	



Abi Belfield (Willmott Dixon Construction)

16/09/2025 13:58:20

Date Closed	16/09/2025
Approval to pay	

QD Checklist-P1-Cavity Barriers External

West core - oculo scan off all areas uploaded. mast 14 mast 13 West core only as sheer walls. all levels

Form Reference	F421609.232
Owned By	Abi Belfield (Willmott Dixon Construction)
Date	24/02/2025 09:39:25
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Level 2>Fire Cavity Barrier - Level 00 - 02>Cavity Barriers - REDs/Siderise>Facades>QUALITY DELIVERY



Form Location	Level 2
Supply Chain	RED Systems Ltd
Area of Work/Location	West core - oculo scan off all areas uploaded. mast 14 mast 13 West core only as sheer walls. all levels

Images



24/02/2025 10:14:27

General

#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	Fire Protection	24/02/2025	24/02/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	2400808 R02 MA23146 OFR FIRE STRATEGY	ab	ab
2	Confirm Drawing	GRE BDP ZZ XX DR A 22101	ab	ab

#	Document Name	Created By	Date	
1	240808-R02-MA23146-OFR_Stage_4_Strategy-DF-CIC.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	24/04/2025 10:48:10
2	GRE-BDP-ZZ-XX-DR-A-21306 (12) acoustic barrier.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	24/04/2025 10:48:28
2	GRE-BDP-ZZ-XX-DR-A-21307 (13).pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	24/04/2025 10:48:30
2	GRE-BDP-ZZ-XX-DR-A-22101 (2).pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	24/04/2025 10:48:33
2	Siderise-CW-Quick-Ref-Instructions-v2.05.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	24/04/2025 10:48:35

WILLMOTT DIXON SINCE 1852

Apply & Control
Note - This QD Checklist relates to external fire/cavity barriers only. Please refer to the QD checklist - Building Envelope - Cavity barrier Internal for any cavity barriers work elements located within the building (above ceilings, below floors etc)

Pre-start checks	
Check SCP & WD site management have a thorough understanding of the projects external envelope	Yes
Agree the QD checklist regime/frequency is relevant to the type of façade being installed (i.e. brickwork by lift)	Yes

Comments	Created By	Date
per mast	Abi Belfield (Willmott Dixon Construction)	21/03/2025 13:19:56

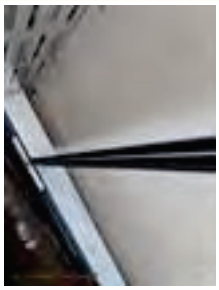
Does Fire Safety Strategy and/or façade details specify location type & manufacturer of all cavity barriers (horizontal, vertical & to perimeter of openings)	Yes
Has the Fire Consultant reviewed façade design/specification to confirm compliance, including the review of products?	Yes
Agree the 3rd party inspection schedule with the external Fire Consultant	Yes
Check cavity barrier has been tested & certified by UKAS accredited testing authority for the situation that they are being installed	Yes
Check barrier type is suitable for its location - vertical, horizontal or party wall types, as applicable to Fire strategy/Architect's details	Yes
Check product manual & installation instructions are available & have been understood by the SCP/operatives/WD site team	Yes
Check proposed/designed cavity void dimensions & ensure correct width/thickness of barrier delivered to suit compression/friction fit required by manufacture	Yes
Check to establish if there are any differing installation/orientation requirements between horizontal & vertical cavity barriers (i.e. open or closed state)	Yes
Check all openings & interfacing elements are within positional, verticality, alignment tolerances & ready for installation of fire barriers	Yes
Is the proposed line of cavity barrier installation clear of any obstructions such as balcony connections, secondary steelwork, duct penetrations or scaffold ties etc…	Yes
Check cavity barrier materials, brackets-length & gauge of steel, non-combustible fixings, joint tape are available & all relate correctly to manufacturer's requirements	Yes
Check installing SCP has been accredited and certified to install Cavity Barriers	Yes
Check SCP's SSS supervisor has required competency, as dictated by Willmott Dixon Fire Safety Requirements Policy. Same person being authorised signatory on this checklist	Yes
Check operative installation training has been conducted in accordance with requirements of Willmott Dixon Fire Safety Requirements Policy	Yes
HOLD POINT 1 - Pre-start checks completed	

[redacted]

Abi Belfield (Willmott Dixon Construction)	Anthony Bowen (RED Systems Ltd)
24/02/2025 10:10:55	24/02/2025 10:11:03

Installation of Brackets (as applicable) to all locations, including window and door openings	
Fix cavity barrier brackets to inner wall (sheathing boards, internal blockwork etc.) with suitable fixings specified by manufacturer & as per Willmott Dixon Fixings & Anchors Policy	Yes
Install brackets for horizontal cavity barriers at correct centres, noting setting out requirements from each end of barriers (barriers are typically 1200mm long)	Yes
Install brackets for vertical cavity barriers at correct centres, noting setting out requirements from each end of barriers (barriers are typically 1200mm long)	Yes

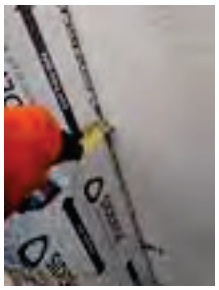
Images

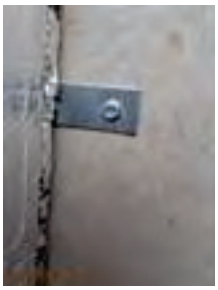

21/03/2025 13:18:39


21/03/2025 13:18:40


21/03/2025 13:18:40


21/03/2025 13:18:40


21/03/2025 13:18:41


21/03/2025 13:18:41


21/03/2025 13:18:41


21/03/2025 13:18:41

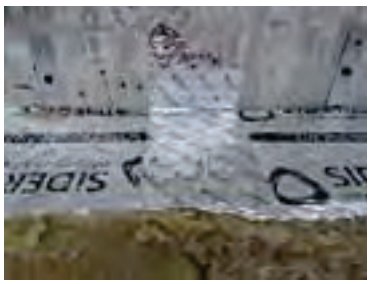

21/03/2025 13:18:41


21/03/2025 13:18:42


21/03/2025 13:18:42


21/03/2025 13:18:42


21/03/2025 13:18:43


21/03/2025 13:18:43


21/03/2025 13:18:43







21/03/2025 13:18:43



21/03/2025 13:18:44



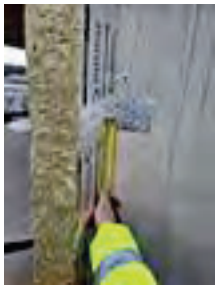
21/03/2025 13:18:44



21/03/2025 13:18:44



21/03/2025 13:18:44



21/03/2025 13:18:44



21/03/2025 13:18:45



21/03/2025 13:18:45



21/03/2025 13:18:45



21/03/2025 13:18:46



21/03/2025 13:18:46



21/03/2025 13:18:46



21/03/2025 13:18:47



21/03/2025 13:18:47



21/03/2025 13:18:47



21/03/2025 13:18:47



21/03/2025 13:18:47



21/03/2025 13:18:48



21/03/2025 13:18:48



21/03/2025 13:18:48



21/03/2025 13:18:48



21/03/2025 13:18:48



21/03/2025 13:18:49



21/03/2025 13:18:49



21/03/2025 13:18:49



21/03/2025 13:18:49



21/03/2025 13:18:50



21/03/2025 13:18:50



21/03/2025 13:18:50



21/03/2025 13:18:51



21/03/2025 13:18:51

21/03/2025 13:18:51

21/03/2025 13:18:51

21/03/2025 13:18:52



21/03/2025 13:18:52



21/03/2025 13:18:52









21/03/2025 13:18:52



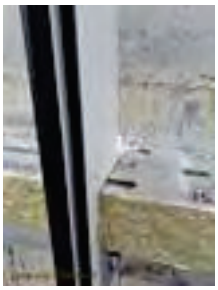
21/03/2025 13:18:53



21/03/2025 13:18:53



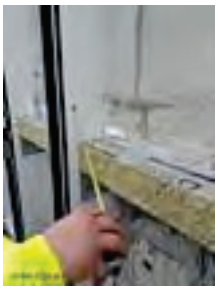
21/03/2025 13:18:53



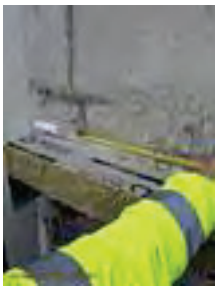
21/03/2025 13:18:53



21/03/2025 13:18:54



21/03/2025 13:18:54



21/03/2025 13:18:54



21/03/2025 13:18:54



21/03/2025 13:18:55

21/03/2025 13:18:55

21/03/2025 13:18:55

21/03/2025 13:18:56



21/03/2025 13:18:56



21/03/2025 13:18:56



Check the bracket is of the correct type (size/gauge) to suit to the specified cavity/void width	Yes

Images



24/02/2025 09:45:50



24/02/2025 09:48:36



24/02/2025 09:49:22



24/02/2025 09:49:30



24/02/2025 09:49:56

Check bracket is correct length to ensure it can be impaled into the barrier by specified amount. This is typically impaled by 75% of barrier width	Yes
HOLD POINT 2 - Installation of Brackets complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

24/02/2025 10:11:08

Anthony Bowen (RED Systems Ltd)

24/02/2025 10:11:15

Installation of vertical / horizontal cavity barriers to all locations, including window and door openings	
Where polythene sleeved cavity barriers are installed, ensure compression is as per manufacturers recommendations (e.g. 10% or 10mm)	Yes
Where friction fit cavity barrier slabs are installed, check they are tightly fitted (i.e. no gaps between outer and inner wall constructions)	Yes
Where compression fit cavity barrier slabs are installed, ensure compression is as per manufacturers recommendations (e.g. 10% or 10mm)	Yes
If applicable, check site cut cavity barrier slabs when installed against masonry have a DPC/Cavity Tray to the external leaf side	Yes
Check barriers are tightly abutted at ends and corners	Yes
Check all joints are sealed with foil tape or other as specified by cavity barrier manufacturer & as applicable	Yes
Check where brackets fully penetrate barrier they extend beyond its front face & are folded back by the specified amounts	Yes
If cavity barrier is an "Open State type" (ventilated cavity) check intumescent strip is positioned outwards, towards cladding and the right way up	Yes
If cavity barrier is an "Open State type", check the specified gap has been achieved between the cladding and barrier	Yes
HOLD POINT 3 - Installation complete - proprietary fire rated cavity barriers to all locations, including perimeter of all window & door openings, fitted in accordance with manufacturer's guidance	

[redacted]

Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:14:54

Installation of fire rated cavity closers to window and door openings, with masonry outer skin, as applicable	
If using "1st fix option" i.e built into opening as work proceeds, check supplied wall ties fixed as dictated by manufacture	Yes
Check cavity closer completely closes the cavity (at cills, jambs & head) & is tight fitted between inner & outer wall constructions or jointed sections. Any cavity insulation must be cut back	Yes

The PVC up-stand should be fitted against the external leaf to deflect any moisture penetration through the brick	Yes
HOLD POINT 4 - Installation complete - proprietary fire rated cavity closers to the perimeter of all window & door openings fitted in accordance with manufacturer's guidance	

Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:14:58

Fire Consultant inspection	
HOLD POINT 5 - Final checks before proceeding to next lift or floor level, as applicable. Include details of Fire Consultant inspection - see under evidence for details.	

Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:14:59

HOLD POINT 6 - Confirm any remedial works identified by Fire Consultants' cavity barrier inspection have been recorded, completed & verified as complete. Void closure now authorised	

Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:15:01

Bespoke Items - Additional Hold Points/Additional Checks		
#	**Additional Hold Point**	**Additional check**

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed Supply Chain Partner	



Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:15:03

All Evidence available & actions closed Willmott Dixon	



Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:15:04

Date Closed	16/09/2025
Approval to pay	

QD Checklist-P1-Cavity Barriers External

mast 10. see bespoke items for specific locations.
scan on oculo for full view

Form Reference	F421609.260
Owned By	Abi Belfield (Willmott Dixon Construction)
Date	27/03/2025 10:24:11
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Mast 10 GL L - CL>South Elevation>Curtain Wall - REDs>Facades>QUALITY DELIVERY

Form Location	Mast 10 GL L - CL
Supply Chain	RED Systems Ltd
Area of Work/Location	mast 10. see bespoke items for specific locations. scan on oculo for full view

General

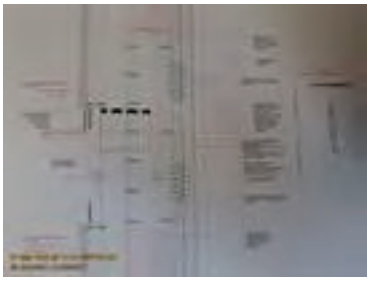
#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	External Walls	27/03/2025	27/03/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	gre bdp zz xxxx Dr a 21307 21306	ab	ab
2	Confirm Drawing	gre red xx xxxx Dr x 03119 03118 03117 03116 00135	ab	ab

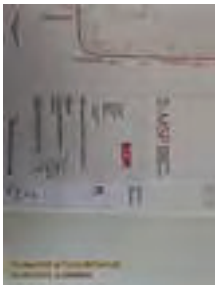
Images

#1



31/03/2025 12:16:59

#2



31/03/2025 12:04:38



31/03/2025 12:04:45

#	Document Name	Created By	Date	
1	GRE-BDP-ZZ-XX-DR-A-22101 (2).pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 14:47:42

Apply & Control

Note - This QD Checklist relates to external fire/cavity barriers only. Please refer to the QD checklist - Building Envelope - Cavity barrier Internal for any cavity barriers work elements located within the building (above ceilings, below floors etc)

Pre-start checks

Check SCP & WD site management have a thorough understanding of the projects external envelope	Yes

Images



23/04/2025 14:43:13

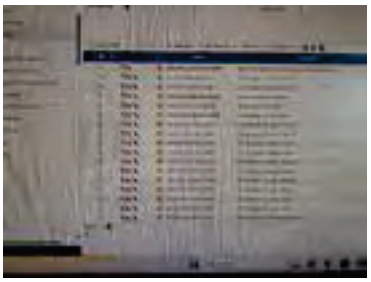
Comments	Created By	Date
side rise installation training on site	Anthony Bowen (RED Systems Ltd)	08/04/2025 11:31:16

Agree the QD checklist regime/frequency is relevant to the type of façade being installed (i.e. brickwork by lift)	Yes

Comments	Created By	Date
each mast and each level must be checked agreed in scp hold points	Abi Belfield (Willmott Dixon Construction)	31/03/2025 12:17:44

Does Fire Safety Strategy and/or façade details specify location type & manufacturer of all cavity barriers (horizontal, vertical & to perimeter of openings)	Yes

Images



31/03/2025 12:18:55

Comments	Created By	Date
68 series drawings on 4p	Abi Belfield (Willmott Dixon Construction)	31/03/2025 12:18:46

Has the Fire Consultant reviewed façade design/specification to confirm compliance, including the review of products?	Yes

Document Name	Type	Created By	Date
250326-R03-MA23146-OFR_Stage_4_Strategy-DF-CIC.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 14:44:23
250326-R03-MA23146-OFR_Stage_4_Strategy-DF-CIC.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 14:44:38

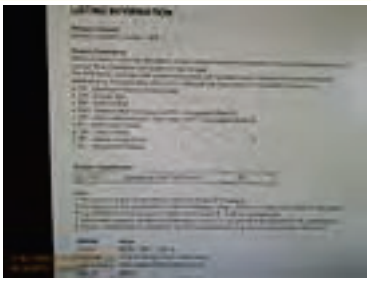
Agree the 3rd party inspection schedule with the external Fire Consultant	Yes

Comments	Created By	Date
ofr checking every 4 weeks, building control and fire inspector from bruntwood monthly	Abi Belfield (Willmott Dixon Construction)	31/03/2025 12:19:35

Document Name	Type	Created By	Date
RE_ WO-247 _ SA-0245 _ THE GREENHEYS BUILDING _ RED SYSTEMS LTD _ AAH _ Case_00004839.msg	Unknown	Abi Belfield (Willmott Dixon Construction)	23/04/2025 14:46:21

Check cavity barrier has been tested & certified by UKAS accredited testing authority for the situation that they are being installed	Yes

Images



31/03/2025 12:47:43

Check barrier type is suitable for its location - vertical, horizontal or party wall types, as applicable to Fire strategy/Architect's details	Yes

Document Name	Type	Created By	Date
GRE-BDP-ZZ-XX-DR-A-22101 (2).pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 14:47:59

Check product manual & installation instructions are available & have been understood by the SCP/operatives/WD site team	Yes
Check proposed/designed cavity void dimensions & ensure correct width/thickness of barrier delivered to suit compression/friction fit required by manufacture	Yes

Comments	Created By	Date
100mm spandral panel ontop of cavity ensures compression	Anthony Bowen (RED Systems Ltd)	08/04/2025 11:32:21

Check to establish if there are any differing installation/orientation requirements between horizontal & vertical cavity barriers (i.e. open or closed state)	Yes

Document Name	Type	Created By	Date
Siderise-CW-Quick-Ref-Instructions-v2.05.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 14:49:43

Check all openings & interfacing elements are within positional, verticality, alignment tolerances & ready for installation of fire barriers	Yes
Is the proposed line of cavity barrier installation clear of any obstructions such as balcony connections, secondary steelwork, duct penetrations or scaffold ties etc…	N/A
Check cavity barrier materials, brackets-length & gauge of steel, non-combustible fixings, joint tape are available & all relate correctly to manufacturer's requirements	Yes
Check installing SCP has been accredited and certified to install Cavity Barriers	Yes

Images



23/04/2025 14:50:30

Comments	Created By	Date
firas	Anthony Bowen (RED Systems Ltd)	08/04/2025 12:19:17

Check SCP's SSS supervisor has required competency, as dictated by Willmott Dixon Fire Safety Requirements Policy. Same person being authorised signatory on this checklist	Yes
Check operative installation training has been conducted in accordance with requirements of Willmott Dixon Fire Safety Requirements Policy	Yes

Images



23/04/2025 14:50:42

HOLD POINT 1 - Pre-start checks completed	

[redacted]

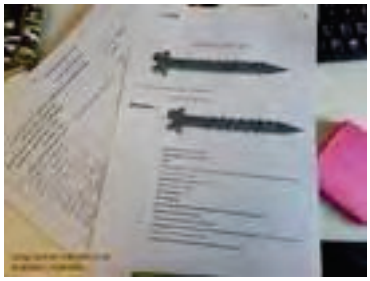
Abi Belfield (Willmott Dixon Construction)	Anthony Bowen (RED Systems Ltd)
23/04/2025 14:50:50	23/04/2025 14:50:59

Installation of Brackets (as applicable) to all locations, including window and door openings	
Fix cavity barrier brackets to inner wall (sheathing boards, internal blockwork etc.) with suitable fixings specified by manufacturer & as per Willmott Dixon Fixings & Anchors Policy	Yes

Images



23/04/2025 14:51:10



23/04/2025 14:53:06

Install brackets for horizontal cavity barriers at correct centres, noting setting out requirements from each end of barriers (barriers are typically 1200mm long)	Yes

Images



23/04/2025 15:58:51



23/04/2025 15:59:08

Install brackets for vertical cavity barriers at correct centres, noting setting out requirements from each end of barriers (barriers are typically 1200mm long)	Yes

Images


23/04/2025 15:59:32


23/04/2025 15:59:41


23/04/2025 15:59:50

Check the bracket is of the correct type (size/gauge) to suit to the specified cavity/void width	Yes
Check bracket is correct length to ensure it can be impaled into the barrier by specified amount. This is typically impaled by 75% of barrier width	Yes
HOLD POINT 2 - Installation of Brackets complete	

[redacted]

Abi Belfield (Willmott Dixon Construction) 23/04/2025 14:51:39

Anthony Bowen (RED Systems Ltd) 23/04/2025 14:51:47

Document Name	Type	Created By	Date
ProcessSignOffSheetWithForms-5e189c85-7fce-4fc6-b07d-99de0d941056.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	24/04/2025 11:02:39

Installation of vertical / horizontal cavity barriers to all locations, including window and door openings

Where polythene sleeved cavity barriers are installed, ensure compression is as per manufacturers recommendations (e.g. 10% or 10mm)	N/A

Comments	Created By	Date
100mm aluminium panel	Abi Belfield (Willmott Dixon Construction)	27/03/2025 11:24:29

Where friction fit cavity barrier slabs are installed, check they are tightly fitted (i.e. no gaps between outer and inner wall constructions)	Yes
Where compression fit cavity barrier slabs are installed, ensure compression is as per manufacturers recommendations (e.g. 10% or 10mm)	Yes

Images


23/04/2025 16:00:56


23/04/2025 16:01:17

If applicable, check site cut cavity barrier slabs when installed against masonry have a DPC/Cavity Tray to the external leaf side	N/A
Check barriers are tightly abutted at ends and corners	Yes
Check all joints are sealed with foil tape or other as specified by cavity barrier manufacturer & as applicable	Yes

Images



23/04/2025 16:00:13



23/04/2025 16:00:19

	Check where brackets fully penetrate barrier they extend beyond its front face & are folded back by the specified amounts	N/A
	If cavity barrier is an "Open State type" (ventilated cavity) check intumescent strip is positioned outwards, towards cladding and the right way up	N/A
	If cavity barrier is an "Open State type", check the specified gap has been achieved between the cladding and barrier	N/A
	HOLD POINT 3 - Installation complete - proprietary fire rated cavity barriers to all locations, including perimeter of all window & door openings, fitted in accordance with manufacturer's guidance	



Abi Belfield (Willmott Dixon Construction)

17/04/2025 15:56:31



Anthony Bowen (RED Systems Ltd)

23/04/2025 14:52:18

Installation of fire rated cavity closers to window and door openings, with masonry outer skin, as applicable	
If using "1st fix option" i.e built into opening as work proceeds, check supplied wall ties fixed as dictated by manufacture	N/A
Check cavity closer completely closes the cavity (at cills, jambs & head) & is tight fitted between inner & outer wall constructions or jointed sections. Any cavity insulation must be cut back	N/A
The PVC up-stand should be fitted against the external leaf to deflect any moisture penetration through the brick	N/A
HOLD POINT 4 - Installation complete - proprietary fire rated cavity closers to the perimeter of all window & door openings fitted in accordance with manufacturer's guidance	



Abi Belfield (Willmott Dixon Construction)

17/04/2025 15:56:36

Fire Consultant inspection	
HOLD POINT 5 - Final checks before proceeding to next lift or floor level, as applicable. Include details of Fire Consultant inspection - see under evidence for details.	



Abi Belfield (Willmott Dixon Construction)

02/07/2025 14:46:12

HOLD POINT 6 - Confirm any remedial works identified by Fire Consultants' cavity barrier inspection have been recorded, completed & verified as complete. Void closure now authorised	

Abi Belfield (Willmott Dixon Construction)

02/07/2025 14:46:14

Bespoke Items - Additional Hold Points/Additional Checks

#	Additional Hold Point	Additional check
1	mast 10 level 6 Roof slab	photos
2	mast 10 level3	photos grid line on slab in chalk
3	level 5	
4	level 4	

#	Reference	Description	Date	Status	Issued To Package	Issued To Organisation
2	T486347.27	general note - fixings missing where bracket falls behind concrete column check all areas	23/04/2025 16:03:19	Signed Off	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images

#1



27/03/2025 12:59:39



27/03/2025 12:59:39



27/03/2025 12:59:40



27/03/2025 12:59:40



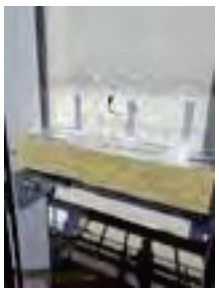
27/03/2025 12:59:40



27/03/2025 12:59:40



27/03/2025 12:59:41



27/03/2025 12:59:41



27/03/2025 12:59:41



27/03/2025 12:59:41



27/03/2025 12:59:41



27/03/2025 12:59:42



27/03/2025 12:59:42



27/03/2025 12:59:42



27/03/2025 12:59:42



27/03/2025 12:59:43



27/03/2025 12:59:43



27/03/2025 12:59:43



27/03/2025 12:59:43



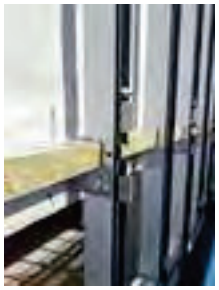
27/03/2025 12:59:44



27/03/2025 12:59:44



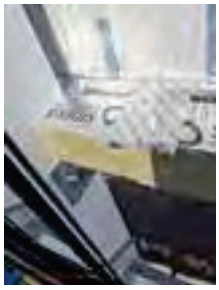
27/03/2025 12:59:44



27/03/2025 12:59:44



27/03/2025 12:59:45







27/03/2025 12:59:45 | 27/03/2025 12:59:45 | 27/03/2025 12:59:45





27/03/2025 12:59:46 | 27/03/2025 12:59:46 | 27/03/2025 12:59:46





27/03/2025 12:59:46 | 27/03/2025 12:59:46 | 27/03/2025 12:59:47





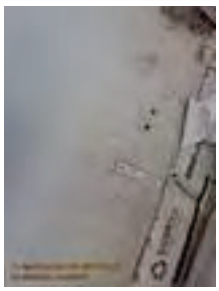
27/03/2025 12:59:47 | 27/03/2025 12:59:47 | 27/03/2025 12:59:47





27/03/2025 12:59:48 | 27/03/2025 12:59:48 | 27/03/2025 12:59:48

#2





12/04/2025 10:41:59 | 12/04/2025 10:42:09 | 12/04/2025 10:42:29



12/04/2025 10:42:35



12/04/2025 10:42:43



12/04/2025 10:42:47



12/04/2025 10:43:00



12/04/2025 10:43:10



12/04/2025 10:43:47



12/04/2025 10:44:16



12/04/2025 10:44:21



12/04/2025 10:44:29



12/04/2025 10:44:38

#3



21/05/2025 10:39:11



21/05/2025 10:39:16



21/05/2025 10:39:24







21/05/2025 10:39:39



21/05/2025 10:39:45



21/05/2025 10:39:51



21/05/2025 10:40:02

21/05/2025 10:40:08

21/05/2025 10:40:28

#4



21/05/2025 10:58:41



21/05/2025 10:58:48



21/05/2025 10:58:56



21/05/2025 10:59:10



21/05/2025 10:59:17



21/05/2025 10:59:25



21/05/2025 10:59:42



21/05/2025 11:00:00



21/05/2025 11:00:07



21/05/2025 11:00:18



21/05/2025 11:00:26



21/05/2025 11:00:32



21/05/2025 11:00:37

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed Supply Chain Partner	

Abi Belfield (Willmott Dixon Construction)

02/07/2025 14:46:19

All Evidence available & actions closed Willmott Dixon	

Abi Belfield (Willmott Dixon Construction)

02/07/2025 14:46:21

Date Closed	02/07/2025
Approval to pay	

WILLMOTT DIXON SINCE 1852

QD Checklist-P1-Cavity Barriers External

mast 5

Form Reference	F421609.279
Owned By	Anthony Bowen (RED Systems Ltd)
Date	08/04/2025 11:19:28
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Mast 5 GL 2>East Elevation>Curtain Wall - REDs>Facades>QUALITY DELIVERY

Form Location	Mast 5 GL 2
Supply Chain	RED Systems Ltd
Area of Work/Location	mast 5

General

#	Work Section	Element	Date Planned	Date Accepted
1	External works	Fire Protection	08/04/2025	08/04/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	2400808 R02 MA23146 OFR FIRE STRATEGY	AB	AB
2	Confirm Drawing	GRE BDP ZZ XX DR A 22101	AB	AB

#	Document Name	Created By	Date	
1	240808-R02-MA23146-OFR_Stage_4_Strategy-DF-CIC.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:03:06
1	GRE-BDP-ZZ-XX-DR-A-21306 (12) acoustic barrier.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:03:08
1	GRE-BDP-ZZ-XX-DR-A-21307 (13).pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:03:10
1	GRE-BDP-ZZ-XX-DR-A-22101 (2).pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:03:13
1	Siderise-CW-Quick-Ref-Instructions-v2.05.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:03:15
2	240808-R02-MA23146-OFR_Stage_4_Strategy-DF-CIC.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 17:02:42

Apply & Control

Note - This QD Checklist relates to external fire/cavity barriers only. Please refer to the QD checklist - Building Envelope - Cavity barrier Internal for any cavity barriers work elements located within the building (above ceilings, below floors etc)

Pre-start checks

Check SCP & WD site management have a thorough understanding of the projects external envelope	Yes
Agree the QD checklist regime/frequency is relevant to the type of façade being installed (i.e. brickwork by lift)	Yes
Does Fire Safety Strategy and/or façade details specify location type & manufacturer of all cavity barriers (horizontal, vertical & to perimeter of openings)	Yes
Has the Fire Consultant reviewed façade design/specification to confirm compliance, including the review of products?	Yes
Agree the 3rd party inspection schedule with the external Fire Consultant	Yes
Check cavity barrier has been tested & certified by UKAS accredited testing authority for the situation that they are being installed	Yes
Check barrier type is suitable for its location - vertical, horizontal or party wall types, as applicable to Fire strategy/Architect's details	Yes
Check product manual & installation instructions are available & have been understood by the SCP/operatives/WD site team	Yes
Check proposed/designed cavity void dimensions & ensure correct width/thickness of barrier delivered to suit compression/friction fit required by manufacture	Yes

Check to establish if there are any differing installation/orientation requirements between horizontal & vertical cavity barriers (i.e. open or closed state)	Yes
Check all openings & interfacing elements are within positional, verticality, alignment tolerances & ready for installation of fire barriers	Yes
Is the proposed line of cavity barrier installation clear of any obstructions such as balcony connections, secondary steelwork, duct penetrations or scaffold ties etc…	Yes
Check cavity barrier materials, brackets-length & gauge of steel, non-combustible fixings, joint tape are available & all relate correctly to manufacturer's requirements	Yes
Check installing SCP has been accredited and certified to install Cavity Barriers	Yes
Check SCP's SSS supervisor has required competency, as dictated by Willmott Dixon Fire Safety Requirements Policy. Same person being authorised signatory on this checklist	Yes
Check operative installation training has been conducted in accordance with requirements of Willmott Dixon Fire Safety Requirements Policy	Yes
HOLD POINT 1 - Pre-start checks completed	

[redacted]

Abi Belfield (Willmott Dixon Construction)

24/04/2025 09:44:12

Anthony Bowen (RED Systems Ltd)

24/04/2025 09:44:20

Installation of Brackets (as applicable) to all locations, including window and door openings	
Fix cavity barrier brackets to inner wall (sheathing boards, internal blockwork etc.) with suitable fixings specified by manufacturer & as per Willmott Dixon Fixings & Anchors Policy	Yes
Install brackets for horizontal cavity barriers at correct centres, noting setting out requirements from each end of barriers (barriers are typically 1200mm long)	Yes
Install brackets for vertical cavity barriers at correct centres, noting setting out requirements from each end of barriers (barriers are typically 1200mm long)	Yes
Check the bracket is of the correct type (size/gauge) to suit to the specified cavity/void width	Yes
Check bracket is correct length to ensure it can be impaled into the barrier by specified amount. This is typically impaled by 75% of barrier width	Yes
HOLD POINT 2 - Installation of Brackets complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

24/04/2025 09:44:36

Anthony Bowen (RED Systems Ltd)

24/04/2025 09:44:48

Installation of vertical / horizontal cavity barriers to all locations, including window and door openings	
Where polythene sleeved cavity barriers are installed, ensure compression is as per manufacturers recommendations (e.g. 10% or 10mm)	Yes
Where friction fit cavity barrier slabs are installed, check they are tightly fitted (i.e. no gaps between outer and inner wall constructions)	Yes
Where compression fit cavity barrier slabs are installed, ensure compression is as per manufacturers recommendations (e.g. 10% or 10mm)	Yes
If applicable, check site cut cavity barrier slabs when installed against masonry have a DPC/Cavity Tray to the external leaf side	Yes
Check barriers are tightly abutted at ends and corners	Yes

Check all joints are sealed with foil tape or other as specified by cavity barrier manufacturer & as applicable	Yes
Check where brackets fully penetrate barrier they extend beyond its front face & are folded back by the specified amounts	Yes
If cavity barrier is an "Open State type" (ventilated cavity) check intumescent strip is positioned outwards, towards cladding and the right way up	Yes
If cavity barrier is an "Open State type", check the specified gap has been achieved between the cladding and barrier	Yes
HOLD POINT 3 - Installation complete - proprietary fire rated cavity barriers to all locations, including perimeter of all window & door openings, fitted in accordance with manufacturer's	

[redacted]

Abi Belfield (Willmott Dixon Construction)
16/09/2025 14:02:58

Anthony Bowen (RED Systems Ltd)
16/09/2025 14:03:07

Installation of fire rated cavity closers to window and door openings, with masonry outer skin, as applicable

If using "1st fix option" i.e built into opening as work proceeds, check supplied wall ties fixed as dictated by manufacture	Yes
Check cavity closer completely closes the cavity (at cills, jambs & head) & is tight fitted between inner & outer wall constructions or jointed sections. Any cavity insulation must be cut back	Yes
The PVC up-stand should be fitted against the external leaf to deflect any moisture penetration through the brick	Yes
HOLD POINT 4 - Installation complete - proprietary fire rated cavity closers to the perimeter of all window & door openings fitted in accordance with manufacturer's guidance	

[redacted]

Abi Belfield (Willmott Dixon Construction)
16/09/2025 14:03:13

Chris Ward (RED Systems Ltd)
16/09/2025 14:03:23

Fire Consultant inspection

HOLD POINT 5 - Final checks before proceeding to next lift or floor level, as applicable. Include details of Fire Consultant inspection - see under evidence for details.	

Abi Belfield (Willmott Dixon Construction)
16/09/2025 14:03:25

HOLD POINT 6 - Confirm any remedial works identified by Fire Consultants' cavity barrier inspection have been recorded, completed & verified as complete. Void closure now authorised	

Abi Belfield (Willmott Dixon Construction)
16/09/2025 14:03:27

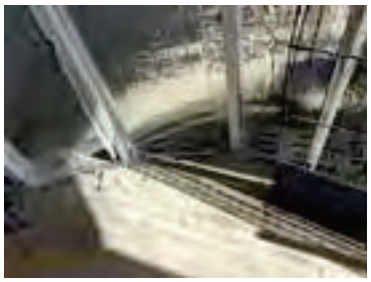
Bespoke Items - Additional Hold Points/Additional Checks		
#	**Additional Hold Point**	**Additional check**
1	level 6	
2	level 3	
3	level 5	
4	level 4	

Images

#2



12/04/2025 11:04:13



12/04/2025 11:04:21



12/04/2025 11:04:29



12/04/2025 11:04:39



12/04/2025 11:04:44



12/04/2025 11:04:56



12/04/2025 11:05:01

#3



21/05/2025 10:29:40



21/05/2025 10:29:49



21/05/2025 10:29:56



21/05/2025 10:30:02

#4



21/05/2025 10:51:21



21/05/2025 10:51:28



21/05/2025 10:51:34

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed Supply Chain Partner	

[redacted]

Anthony Bowen (RED Systems Ltd)

16/09/2025 14:03:38

All Evidence available & actions closed Willmott Dixon	

[redacted]

Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:03:32

Date Closed	16/09/2025
Approval to pay	

WILLMOTT DIXON SINCE 1852

QD Checklist-P1-Rainscreen Cladding

mast 12,13,14,15

Form Reference	F451169.67
Owned By	Darius Urbonas (Longworth Building Services Ltd)
Date	03/02/2025 11:17:29
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	West Elevation>Parapet Genius Facade>Cladding - Longworth>Facades>QUALITY DELIVERY

Form Location	West Elevation
Supply Chain	Longworth Building Services Ltd
Area of Works/Location	mast 12,13,14,15

General

#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	External cladding/wall finish	03/02/2025	03/02/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	rain screen cladding specification GRE BDP ZZ XX TX A 02104 genius facade panels	du	ab
2	Confirm Drawing	GRE LON ZZ 06 DR X 05110 - 05111 - 05118	du	ab

#	Document Name	Created By	Date	
2	GRE-LON-ZZ-06-DR-X-05110_LEVEL 06 PLANT SCREEN EAST ELEVATION 1 OF 2_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:23:58
2	GRE-LON-ZZ-06-DR-X-05111_LEVEL 06 PLANT SCREEN EAST ELEVATION 2 OF 2_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:24:00
2	GRE-LON-ZZ-06-DR-X-05118_LEVEL 06 PLANT SCREEN CAPPPING LAYOUT EAST ELEVATION_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:24:02

Apply & Control

Pre Installation Checks

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	



Darius Urbonas (Longworth Building Services Ltd)

03/02/2025 11:17:57

WD countersign of HOLD POINT 1 when complete	



Abi Belfield (Willmott Dixon Construction)

03/02/2025 11:18:03

Installation Checks

When panels are to be stored on site, they should be kept in a waterproof environment	Yes
Ensure panels are lifted, not dragged or pulled, and that suction caps are used for polished or honed panels	Yes
Check that all support framework is in place before fixing the cladding and that the internal skin is weatherproof	N/A

Ensure there is still ventilation room behind the cladding and between the insulation	N/A
Check spec. for minimum joints between cladding panels and ensure it is achieved	Yes
Ensure consistent, even gap between panels is maintained across the system face	Yes
Check any EPDM or weathering system behind the panel, is complete, tested, handed over, clean and recorded before rainscreen panel is installed	N/A
Check primer has been applied to cover the required area	Yes

Comments	Created By	Date
n/a	Darius Urbonas (Longworth Building Services Ltd)	19/05/2025 13:57:50

Check vapour barrier is neatly dressed and firmly sealed around openings and there is sufficient lapping which is also sealed	N/A
SCP HOLD POINT 2 - preceeding checks approved	

Darius Urbonas (Longworth Building Services Ltd)

19/05/2025 13:58:01

WD countersign of HOLD POINT 2 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

02/07/2025 13:02:34

Check supporting rails are fixed to support system correctly and are plumb line and level	Yes

Images



19/05/2025 15:20:52



19/05/2025 15:20:54



19/05/2025 15:20:57



19/05/2025 15:21:02



19/05/2025 15:21:05



19/05/2025 15:21:07

SCP HOLD POINT 3 - preceeding checks approved	



Darius Urbonas (Longworth Building Services Ltd)

02/07/2025 13:02:32

WD countersign of HOLD POINT 3 when complete	



Abi Belfield (Willmott Dixon Construction)

02/07/2025 13:02:42

Check number of fixings on supporting brackets are correct. Check brackets are set out correctly and are correct depth.	
SCP HOLD POINT 4 - preceeding checks approved	



Darius Urbonas (Longworth Building Services Ltd)

02/07/2025 13:02:50

WD countersign of HOLD POINT 4 when complete	



Abi Belfield (Willmott Dixon Construction)

02/07/2025 13:02:53

Check support system is plumb, line and in level	Yes
Ensure any openings in the cladding system are sufficiently closed off to birds, vermin and insects	Yes
Check insulation is correct type, thickness and is fixed correctly	Yes
HOLD POINT 4SCP HOLD POINT 5 - preceeding checks approved	



Darius Urbonas (Longworth Building Services Ltd)

02/07/2025 13:03:08

WD countersign of HOLD POINT 5 when complete	



Abi Belfield (Willmott Dixon Construction)

02/07/2025 13:02:58

Check the prevailing wind direction is taken into account when deciding panel sequence	Yes
Ensure panel fixings are as specified	Yes
Check all cavity closers and cavity trays have been fitted before cladding is installed	N/A
Ensure a barrier is in place between any different metals to prevent corrosion	Yes
Ensure there is a minimum gap of 20mm between back of panel and substrate wall or insulation	Yes
Check panels for plumb during install and adjust if reqd.	Yes

Ensure the panels are fitted in the correct sequence per the manufacturers recommendations/specification	Yes

Images



04/06/2025 11:23:49



04/06/2025 11:23:49

Bespoke Items/Additional Checks	
#	**Checks carried out**
1	mast 13 wdc
2	mast 12 radius
3	mast 14 and 15 radius

Images

#1



02/06/2025 14:42:04



02/06/2025 14:42:11



02/06/2025 14:42:20



02/06/2025 14:42:26

#2



02/06/2025 14:42:50



02/06/2025 14:42:56

#3


02/06/2025 14:48:15


02/06/2025 14:48:15


02/06/2025 14:48:15


02/06/2025 14:48:15


02/06/2025 14:48:15


02/06/2025 14:48:16


02/06/2025 14:48:16


02/06/2025 14:48:16


02/06/2025 14:48:16

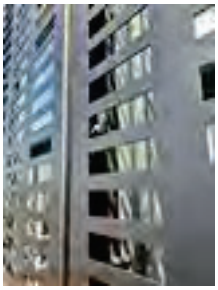

02/06/2025 14:48:17


02/06/2025 14:48:17


02/06/2025 14:48:17


02/06/2025 14:48:17


02/06/2025 14:48:18


02/06/2025 14:48:18


02/06/2025 14:48:18


02/06/2025 14:48:18


02/06/2025 14:48:18

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed S/C	
[redacted] Darius Urbonas (Longworth Building Services Ltd) 02/07/2025 13:03:24	
All Evidence available & actions closed	
[redacted] Abi Belfield (Willmott Dixon Construction) 02/07/2025 13:03:26	
Date Closed	02/07/2025
Approval to pay	

QD Checklist-P1-Metal Cladding

gl 5 cladding and louvres to annexe gl 7

Form Reference	F372761.64
Owned By	Abi Belfield (Willmott Dixon Construction)
Date	15/09/2025 09:59:27
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Annexe Cladding GL 5>Cladding - Longworth>Facades>QUALITY DELIVERY

Form Location	Annexe Cladding GL 5
Supply Chain	Longworth Building Services Ltd
Area of Works/Location	gl 5 cladding and louvres to annexe gl 7

General

#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	External cladding/wall finish	15/09/2025	15/09/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	gre bdp zz xx Dr a 21401	du	ab
2	Confirm Drawing	gre Lon zz 01 Dr x 0800	du	ab

Apply & Control

Pre Installation Checks

Check the drawings and specification sufficiently detail: the backing for fixing insulation, a breather membrane, fire stops and details around openings	Yes

Comments	Created By	Date
thru wall by reds	Abi Belfield (Willmott Dixon Construction)	15/09/2025 10:01:31

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	



Abi Belfield (Willmott Dixon Construction)

15/09/2025 10:01:34

WD countersign of HOLD POINT 1 when complete	



Abi Belfield (Willmott Dixon Construction)

15/09/2025 10:01:39

Installation Checks

Check the sheeting rails align and the fixings and centres are as specified	Yes

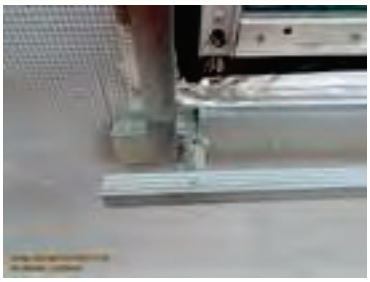
Images



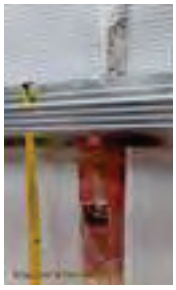
24/09/2025 09:25:15



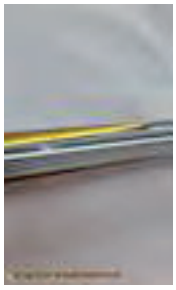
24/09/2025 09:25:20



24/09/2025 09:25:25



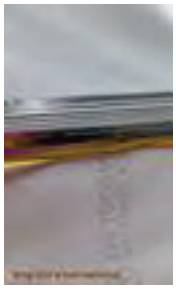
24/09/2025 16:32:40



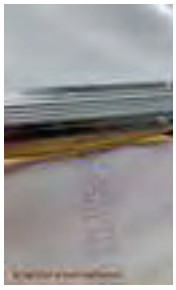
24/09/2025 16:32:40



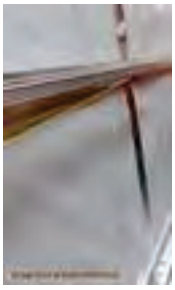
24/09/2025 16:32:40



24/09/2025 16:32:40



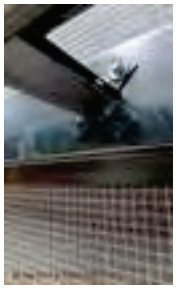
24/09/2025 16:32:41



24/09/2025 16:32:41



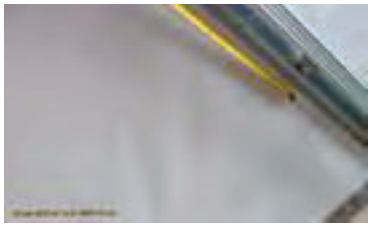
24/09/2025 16:32:41



24/09/2025 16:32:42



24/09/2025 16:32:42



24/09/2025 16:32:42

Check the liner sheet is correctly fixed and the sealant is correctly applied to side laps	Yes

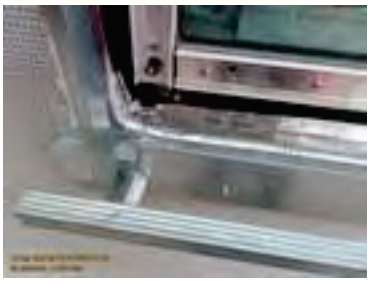
Images



24/09/2025 09:25:36



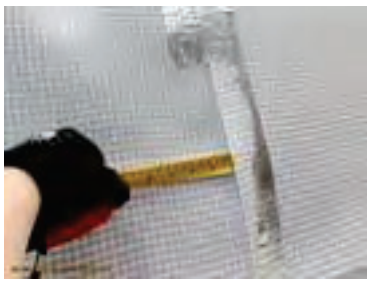
24/09/2025 09:25:46



24/09/2025 09:25:51



24/09/2025 16:33:01



24/09/2025 16:33:22



24/09/2025 16:33:28

Check the insulation is correctly fixed and the panels butt up close	Yes

Images



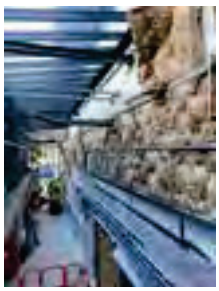
24/09/2025 16:33:44



30/09/2025 14:01:49



30/09/2025 14:01:49



30/09/2025 14:01:50



30/09/2025 14:01:50

Check the breather membrane is correctly fixed	Yes

Images



20/11/2025 11:47:55



20/11/2025 11:47:55



20/11/2025 11:48:19



20/11/2025 11:48:19



20/11/2025 11:48:20

Check the installed metal panels for; fixings and centres are as specified, side laps sealant is correctly applied and the side lap fixings and centres are as specified	Yes

Images



24/09/2025 16:33:54



24/09/2025 16:34:00



24/09/2025 16:34:08



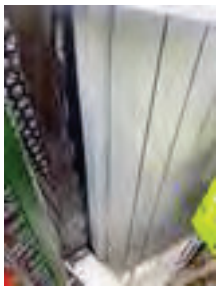
24/09/2025 16:34:13



24/09/2025 16:34:24



30/09/2025 14:01:06



30/09/2025 14:01:06



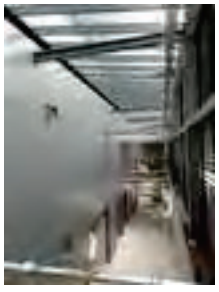
09/01/2026 12:13:55



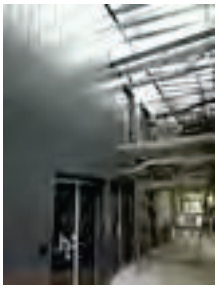
09/01/2026 12:13:55



09/01/2026 12:13:56



09/01/2026 12:13:56



09/01/2026 12:13:57



09/01/2026 12:13:57

Check flashings are correctly fixed and longitudinal joints are sealed	Yes

Images



27/10/2025 09:10:34



27/10/2025 09:10:34



27/10/2025 09:10:34



27/10/2025 09:10:35



27/10/2025 09:10:35



27/10/2025 09:10:35



27/10/2025 09:10:36



27/10/2025 09:10:55

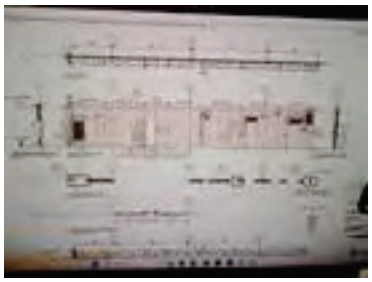


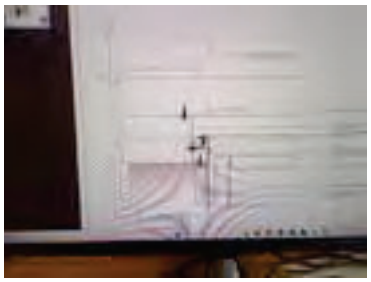
27/10/2025 09:10:55

Bespoke Items/Additional Checks	
#	**Checks carried out**
1	louvres gl 7
2	gable ends

Images

#1





15/09/2025 10:02:23 15/09/2025 10:02:39

#2



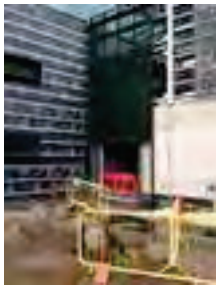


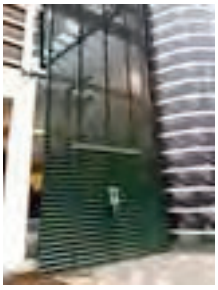
24/09/2025 09:30:41 24/09/2025 09:30:51 24/09/2025 09:31:00





24/09/2025 09:31:10 24/09/2025 16:34:35 09/01/2026 12:13:11





09/01/2026 12:13:12 09/01/2026 12:13:12 09/01/2026 12:13:13



09/01/2026 12:13:13

#	Comments	Created By	Date
1	see Louvre forms	Abi Belfield (Willmott Dixon Construction)	24/09/2025 16:28:14

Complete for Quality

#	Check Item	S/C Initial	WD Initial	Type of Evidence
1	Works adequately protected	DU	AB	N/A
2	Work area cleaned	DU	AB	N/A

Closure

All Evidence available & actions closed S/C	

[redacted]

Darius Urbonas (Longworth Building Services Ltd)

09/01/2026 12:12:17

All Evidence available & actions closed	

[redacted]

Darius Urbonas (Longworth Building Services Ltd)

09/02/2026 11:57:48

Date Closed	08/11/2025
Approval to pay	Approved

QD Checklist-P1-Rainscreen Cladding

mast 5,6,7

Form Reference	F451169.66
Owned By	Darius Urbonas (Longworth Building Services Ltd)
Date	03/02/2025 11:16:54
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	East Elevation>Parapet Genius Facade>Cladding - Longworth>Facades>QUALITY DELIVERY



Form Location	East Elevation
Supply Chain	Longworth Building Services Ltd
Area of Works/Location	mast 5,6,7

General

#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	External cladding/wall finish	03/02/2025	03/02/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	rain screen cladding specification GRE BDP ZZ XX TX A 02104 genius facade panels	du	ab
2	Confirm Drawing	GRE LON ZZ 06 DR X 05506	du	ab

#	Document Name	Created By	Date	
2	GRE-LON-ZZ-06-DR-X-05112_LEVEL 06 PLANT SCREEN WEST ELEVTION 1 OF 2_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:35:00
2	GRE-LON-ZZ-06-DR-X-05113_LEVEL 06 PLANT SCREEN WEST ELEVATION 2 OF 2_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:35:02
2	GRE-LON-ZZ-06-DR-X-05119_LEVEL 06 PLANT SCREEN CAPPING LAYOUT WEST ELEVATION_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:35:03
2	GRE-LON-ZZ-06-DR-X-05503_TYPICAL LEVEL 06 RAINSCREEN PANEL MODULES_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:35:05
2	GRE-LON-ZZ-06-DR-X-05504_TYPICAL LEVEL 6 RAINSCREEN PANEL PERFORATION PATTERNS_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:35:07
2	GRE-LON-ZZ-06-DR-X-05506_LEVEL 06 PLANT SCREEN VERTICAL JOINT DETAIL INFILL PANEL BAY JOINT_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:35:08

Apply & Control

Pre Installation Checks

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	



Abi Belfield (Willmott Dixon Construction)

12/04/2025 09:38:44

WD countersign of HOLD POINT 1 when complete	



Abi Belfield (Willmott Dixon Construction)

12/04/2025 09:38:48

Installation Checks	
When panels are to be stored on site, they should be kept in a waterproof environment	Yes
Ensure panels are lifted, not dragged or pulled, and that suction caps are used for polished or honed panels	Yes
Check that all support framework is in place before fixing the cladding and that the internal skin is weatherproof	Yes

Images



21/05/2025 08:54:19



21/05/2025 08:54:19



21/05/2025 08:54:19



21/05/2025 08:54:19



21/05/2025 08:54:20



21/05/2025 08:54:20



21/05/2025 08:54:20



21/05/2025 08:54:21

Ensure there is still ventilation room behind the cladding and between the insulation	Yes
Check spec. for minimum joints between cladding panels and ensure it is achieved	Yes

Ensure consistent, even gap between panels is maintained across the system face	Yes
Check any EPDM or weathering system behind the panel, is complete, tested, handed over, clean and recorded before rainscreen panel is installed	N/A
Check primer has been applied to cover the required area	Yes
Check vapour barrier is neatly dressed and firmly sealed around openings and there is sufficient lapping which is also sealed	N/A
SCP HOLD POINT 2 - preceeding checks approved	

Darius Urbonas (Longworth Building Services Ltd)

21/05/2025 08:54:54

WD countersign of HOLD POINT 2 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

02/07/2025 13:03:41

Check supporting rails are fixed to support system correctly and are plumb line and level	Yes
SCP HOLD POINT 3 - preceeding checks approved	

[redacted]

Darius Urbonas (Longworth Building Services Ltd)

02/07/2025 13:03:48

WD countersign of HOLD POINT 3 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

02/07/2025 14:53:05

Check number of fixings on supporting brackets are correct. Check brackets are set out correctly and are correct depth.	Yes
SCP HOLD POINT 4 - preceeding checks approved	

Darius Urbonas (Longworth Building Services Ltd)

21/05/2025 08:55:06

WD countersign of HOLD POINT 4 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

02/07/2025 14:53:03

Check support system is plumb, line and in level	Yes
Ensure any openings in the cladding system are sufficiently closed off to birds, vermin and insects	N/A
Check insulation is correct type, thickness and is fixed correctly	N/A

HOLD POINT 4SCP HOLD POINT 5 - preceeding checks approved	

Darius Urbonas (Longworth Building Services Ltd)

21/05/2025 08:55:23

WD countersign of HOLD POINT 5 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

02/07/2025 14:52:59

Check the prevailing wind direction is taken into account when deciding panel sequence	Yes
Ensure panel fixings are as specified	Yes
Check all cavity closers and cavity trays have been fitted before cladding is installed	N/A
Ensure a barrier is in place between any different metals to prevent corrosion	Yes
Ensure there is a minimum gap of 20mm between back of panel and substrate wall or insulation	N/A
Check panels for plumb during install and adjust if reqd.	Yes
Ensure the panels are fitted in the correct sequence per the manufacturers recommendations/specification	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T410688.182	corner panels still required mast 5, 7, 15	02/07/2025 14:54:32	Signed Off	Cladding	Longworth Building Services Ltd

Bespoke Items/Additional Checks

#	Checks carried out
1	fixings check mast 6

#	Reference	Description	Date	Status	Issued To Package	Issued To Organisation
1	T421609.569	Loose fixing	22/05/2025 15:30:55	Signed Off	Cladding	Longworth Building Services Ltd

Images



22/05/2025 15:30:55

Images

#1



19/05/2025 08:46:02



19/05/2025 08:46:02



19/05/2025 08:46:02



19/05/2025 08:46:02



19/05/2025 08:46:03



19/05/2025 08:46:03



19/05/2025 08:46:03



22/05/2025 15:27:45



22/05/2025 15:27:57



22/05/2025 15:28:04



22/05/2025 15:28:17



22/05/2025 15:28:25



22/05/2025 15:28:48



22/05/2025 15:28:54



22/05/2025 15:29:10



22/05/2025 15:29:23



22/05/2025 15:29:31



22/05/2025 15:31:29



22/05/2025 15:31:54



22/05/2025 15:32:20



22/05/2025 15:33:33



22/05/2025 15:34:02



22/05/2025 15:34:08

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed S/C	

[redacted]

Darius Urbonas (Longworth Building Services Ltd)

02/07/2025 13:04:02

All Evidence available & actions closed	

[redacted]

Abi Belfield (Willmott Dixon Construction)

02/07/2025 13:04:05

Date Closed	02/07/2025
Approval to pay	

QD Checklist-P1-Metal Cladding

West Plant House level 7

Form Reference	F451169.62
Owned By	Darius Urbonas (Longworth Building Services Ltd)
Date	03/02/2025 10:10:21
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	West Plant House>Cladding - Longworth>Facades>QUALITY DELIVERY

Form Location	West Plant House
Supply Chain	Longworth Building Services Ltd
Area of Works/Location	West Plant House level 7

General

#	Work Section	Element	Date Planned	Date Accepted
1	External works	External cladding/wall finish	03/02/2025	03/02/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	elite 54 technical document Elite 54 - technical details https://www.eurocladgroup.com/gb/en/products/wall-solutions/wall-systems/elite-54/?s=d	Du	Ab
2	Confirm Drawing	GRE-BDP-ZZ-XX-DR-A-21005 and GRE-BDP-ZZ-XX-DR-A-21006	DU	LP

Images

#2



03/02/2025 10:58:41



03/02/2025 10:59:04

Apply & Control

Pre Installation Checks

Check the drawings and specification sufficiently detail: the backing for fixing insulation, a breather membrane, fire stops and details around openings	Yes

Images



07/03/2025 08:01:56



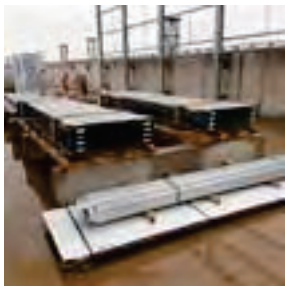
07/03/2025 08:02:03



07/03/2025 08:02:16



21/03/2025 14:26:01



21/03/2025 14:26:01



21/03/2025 14:26:01



21/03/2025 14:26:02



21/03/2025 14:26:02



21/03/2025 14:26:02



21/03/2025 14:26:03



21/03/2025 14:26:03

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	



Abi Belfield (Willmott Dixon Construction)

07/03/2025 08:08:58

WD countersign of HOLD POINT 1 when complete	



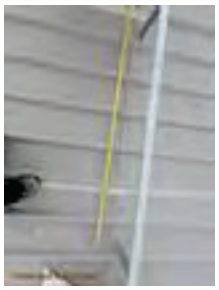
Abi Belfield (Willmott Dixon Construction)

07/03/2025 08:09:05

Installation Checks	
Check the sheeting rails align and the fixings and centres are as specified	Yes

Images


13/03/2025 12:37:44


13/03/2025 12:37:56

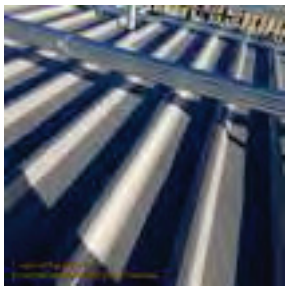

13/03/2025 12:38:08


13/03/2025 12:38:17


21/03/2025 14:23:17

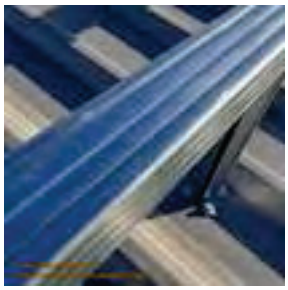

21/03/2025 14:23:17


21/03/2025 14:23:17


21/03/2025 14:23:18

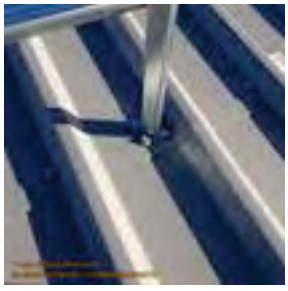

21/03/2025 14:23:18


21/03/2025 14:23:18


21/03/2025 14:23:18


21/03/2025 14:23:19


21/03/2025 14:23:19


21/03/2025 14:23:19


21/03/2025 14:23:20



21/03/2025 14:23:20



21/03/2025 14:23:20



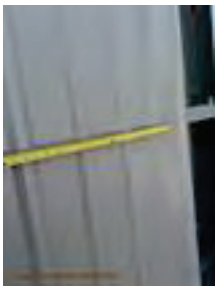
21/03/2025 14:23:21



10/04/2025 13:05:28



10/04/2025 13:07:26



10/04/2025 13:07:27



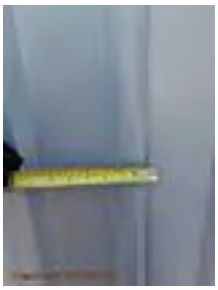
10/04/2025 13:07:27



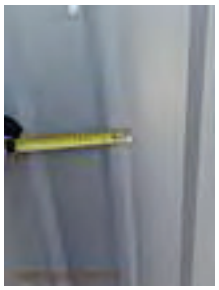
10/04/2025 13:07:27



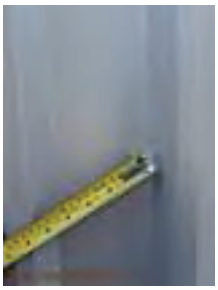
10/04/2025 13:07:27



10/04/2025 13:07:27



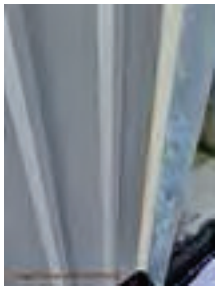
10/04/2025 13:07:28



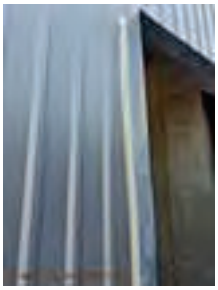
10/04/2025 13:07:28



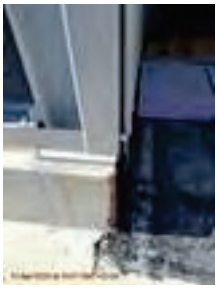
10/04/2025 13:07:28



10/04/2025 13:07:28



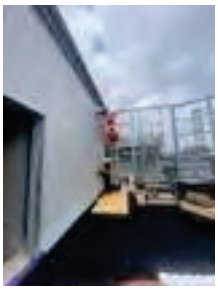
10/04/2025 13:07:29







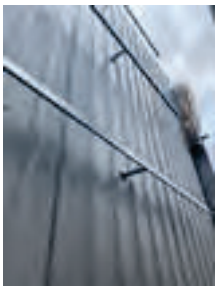
10/04/2025 13:07:29



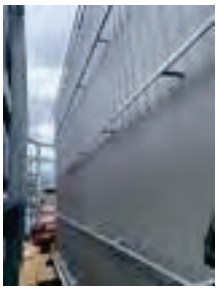
19/05/2025 14:32:32



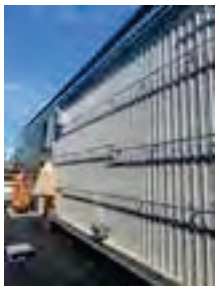
19/05/2025 14:33:14



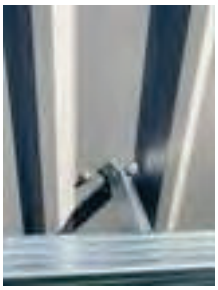
19/05/2025 14:33:16



19/05/2025 14:33:17



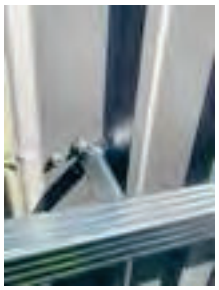
19/05/2025 14:33:18



19/05/2025 14:33:21



21/05/2025 08:53:13



21/05/2025 08:53:13



21/05/2025 08:53:14

21/05/2025 08:53:14

21/05/2025 08:53:14

21/05/2025 08:53:14



Check the liner sheet is correctly fixed and the sealant is correctly applied to side laps	Yes

Images

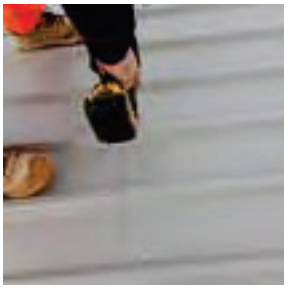
11/03/2025 10:18:23



11/03/2025 10:18:24



11/03/2025 10:18:24





11/03/2025 10:18:24



11/03/2025 10:18:24



11/03/2025 10:18:25



11/03/2025 10:18:25



13/03/2025 12:38:50



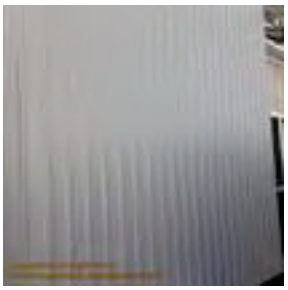
13/03/2025 12:39:19



03/04/2025 15:37:46



03/04/2025 15:37:46



03/04/2025 15:37:47



03/04/2025 15:37:47



10/04/2025 13:07:36



10/04/2025 13:07:41



10/04/2025 13:07:46



10/04/2025 13:07:50



12/05/2025 13:25:47



12/05/2025 13:25:48

Check the insulation is correctly fixed and the panels butt up close	Yes

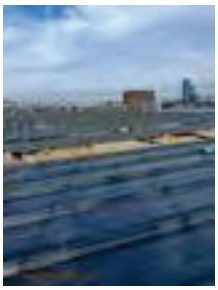
Images



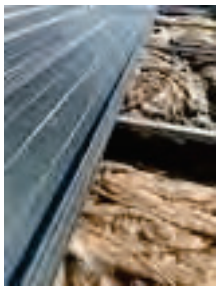
13/03/2025 12:40:11



21/03/2025 12:31:07



21/03/2025 12:31:07



26/03/2025 14:18:04



26/03/2025 14:18:04



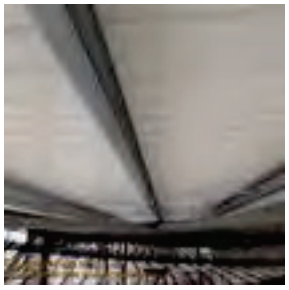
26/03/2025 14:18:04



26/03/2025 14:18:04

Check the breather membrane is correctly fixed	Yes

Images



21/03/2025 14:22:08



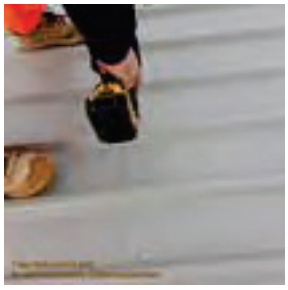
21/03/2025 14:22:08



21/03/2025 14:22:08



21/03/2025 14:22:09



21/03/2025 14:22:09



21/03/2025 14:22:09



21/03/2025 14:22:09



21/03/2025 14:22:10



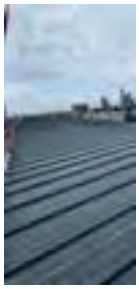
21/03/2025 14:22:10



21/03/2025 14:22:10

Check the installed metal panels for; fixings and centres are as specified, side laps sealant is correctly applied and the side lap fixings and centres are as specified	Yes

Images



21/03/2025 14:27:10



19/05/2025 14:34:51



19/05/2025 14:34:52



21/05/2025 08:52:50



19/08/2025 13:28:30



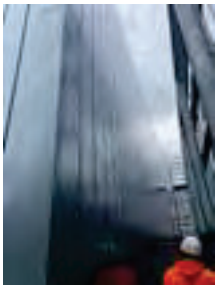
19/08/2025 13:28:31



19/08/2025 13:28:31



19/08/2025 13:28:31



19/08/2025 13:28:31

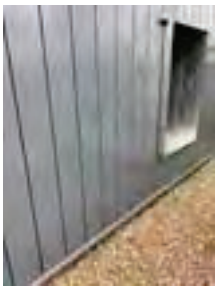

19/08/2025 13:28:32


19/08/2025 13:28:32


19/08/2025 13:28:32


19/08/2025 13:28:32


19/08/2025 13:28:33


19/08/2025 13:28:33


19/08/2025 13:28:33


19/08/2025 13:28:33


19/08/2025 13:28:34


19/08/2025 13:28:34


19/08/2025 14:00:17


19/08/2025 14:00:17


19/08/2025 14:00:18


19/08/2025 14:00:18


19/08/2025 14:00:19



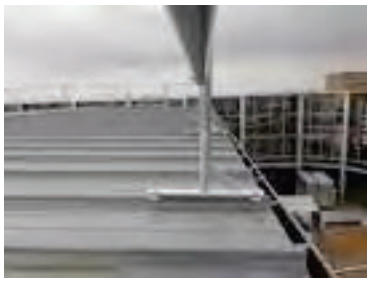




19/08/2025 14:00:19



19/08/2025 14:00:20



19/08/2025 14:00:20



19/08/2025 14:00:21



19/08/2025 14:00:21



19/08/2025 14:00:21



19/08/2025 14:00:22



19/08/2025 14:00:22



19/08/2025 14:00:23



19/08/2025 14:00:23



19/08/2025 14:00:23

19/08/2025 14:00:24

19/08/2025 14:00:24

19/08/2025 14:00:25

19/08/2025 14:00:25

19/08/2025 14:00:26



19/08/2025 14:00:26



19/08/2025 14:00:26

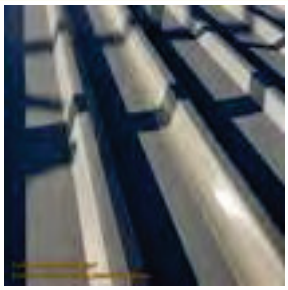


Check flashings are correctly fixed and longitudinal joints are sealed	Yes

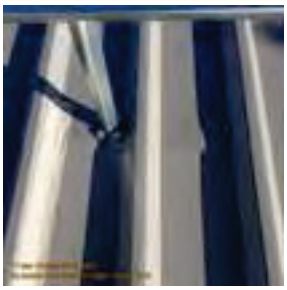
Images



21/03/2025 14:29:06



21/03/2025 14:29:06



21/03/2025 14:29:07



21/03/2025 14:29:07



21/03/2025 14:29:07



21/03/2025 14:29:07



21/03/2025 14:29:08



26/03/2025 14:19:24



26/03/2025 14:19:24



26/03/2025 14:19:24



26/03/2025 14:19:24



26/03/2025 14:19:24



26/03/2025 14:19:46



26/03/2025 14:19:46



26/03/2025 14:19:46



26/03/2025 14:19:47

Bespoke Items/Additional Checks	
#	**Checks carried out**
1	Handrail checks

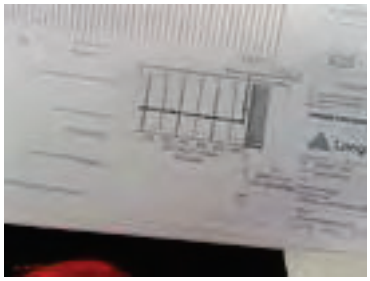
#	Reference	Description	Date	Status	Issued To Package	Issued To Organisation
1	T410688.195	not as per drawing. showing handrail posts at 1m centre. currently 2m. make sure drawing reflects installed works	18/07/2025 10:44:34	Signed Off	Cladding	Longworth Building Services Ltd

Images

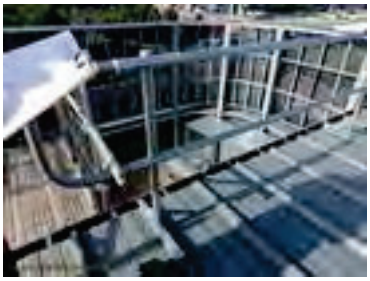
#1



18/07/2025 08:23:49



18/07/2025 08:23:56



18/07/2025 08:44:48

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed S/C	

Darius Urbonas (Longworth Building Services Ltd)

19/08/2025 13:10:41

All Evidence available & actions closed	
Date Closed	21/07/2025
Approval to pay	

QD Checklist-P1-Metal Cladding

Parapet internal elite 54

Form Reference	F486347.13
Owned By	Lily Pringle (Willmott Dixon Construction)
Date	04/04/2025 15:18:07
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Level 6 Internal Cladding>Cladding - Longworth>Facades>QUALITY DELIVERY

Form Location	Level 6 Internal Cladding
Supply Chain	Longworth Building Services Ltd
Area of Works/Location	Parapet internal elite 54

General

#	Work Section	Element	Date Planned	Date Accepted
1	External works	External cladding/wall finish	04/04/2025	04/04/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	elite 54 technical document Elite 54 - technical details https://www.eurocladgroup.com/gb/en/products/wall-solutions/wall-systems/elite-54/?s=d	DU	AB
2	Confirm Drawing	GRE LON ZZ 06 DR X0600 - 06203 level 6 parapet cladding	DU	AB

#	Document Name	Created By	Date	
2	GRE-LON-ZZ-06-DR-X-06000_LEVEL 06 CLADDING GA_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:07:32
2	GRE-LON-ZZ-06-DR-X-06100_LEVEL 06 PARAPET CLADDING ELEVATIONS ON GRID 5 & 2_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:07:36
2	GRE-LON-ZZ-06-DR-X-06101_LEVEL 06 PARAPET CLADDING ELEVATIONS ON GRID C & P_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:07:39
2	GRE-LON-ZZ-06-DR-X-06102_LEVEL 06 PARAPET CLADDING CURVED ELEVATIONS .3400MM RADIUS_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:07:41
2	GRE-LON-ZZ-06-DR-X-06200_LEVEL 06 PARAPET CLADDING TYPICAL UPSTAND DETAIL_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:07:43
2	GRE-LON-ZZ-06-DR-X-06201_LEVEL 06 PARAPET CLADDING TYPICAL UPSTAND BASE DETAIL_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:07:46
2	GRE-LON-ZZ-06-DR-X-06202_LEVEL 06 PARAPET CLADDING TYPICAL UPSTAND CAPPING DETAIL_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:07:48
2	GRE-LON-ZZ-06-DR-X-06203_LEVEL 06 PARAPET CLADDING CURVED UPSTAND DETAIL_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:07:51

Apply & Control

Pre Installation Checks

Check the drawings and specification sufficiently detail: the backing for fixing insulation, a breather membrane, fire stops and details around openings	Yes

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	



Abi Belfield (Willmott Dixon Construction)

04/04/2025 15:18:27

WD countersign of HOLD POINT 1 when complete	



Darius Urbonas (Longworth Building Services Ltd)

04/04/2025 15:18:46

Installation Checks	
Check the sheeting rails align and the fixings and centres are as specified	Yes

Images



22/04/2025 15:46:01



22/04/2025 15:46:01



22/04/2025 15:46:02

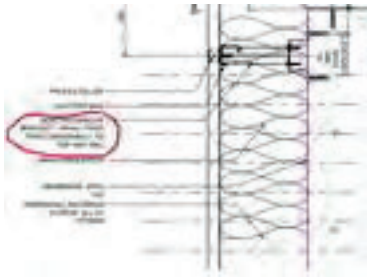
Check the liner sheet is correctly fixed and the sealant is correctly applied to side laps	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T486347.40	work in progress but only 2 fixings per rail. make sure 4 as per drawing	24/04/2025 07:26:26	Signed Off	Cladding	Longworth Building Services Ltd

Images



28/04/2025 10:07:13



28/04/2025 11:01:44

Images



04/04/2025 15:19:32



04/04/2025 15:19:32



04/04/2025 15:19:32


04/04/2025 15:19:32


04/04/2025 15:19:33


04/04/2025 15:19:33


04/04/2025 15:19:33


04/04/2025 15:19:33


04/04/2025 15:19:34


04/04/2025 15:19:34


04/04/2025 15:19:34


04/04/2025 15:19:34


04/04/2025 15:19:35

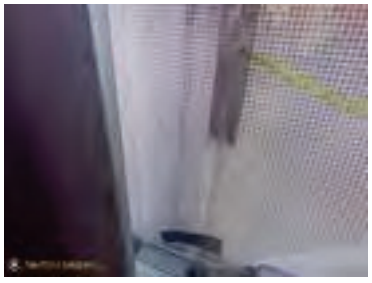

04/04/2025 15:19:35


04/04/2025 15:19:35


04/04/2025 15:19:36


04/04/2025 15:19:36


04/04/2025 15:19:36


04/04/2025 15:19:36


04/04/2025 15:19:37


04/04/2025 15:19:37


04/04/2025 15:19:37


04/04/2025 15:19:37


04/04/2025 15:19:38


04/04/2025 15:19:38


04/04/2025 15:19:38


04/04/2025 15:19:39


04/04/2025 15:19:39


04/04/2025 15:19:39


04/04/2025 15:19:39


04/04/2025 15:19:40


04/04/2025 15:19:40


04/04/2025 15:19:40


04/04/2025 15:19:40


04/04/2025 15:19:41


04/04/2025 15:19:41


04/04/2025 15:19:41


04/04/2025 15:19:41


04/04/2025 15:19:42


04/04/2025 15:19:42


04/04/2025 15:19:42


04/04/2025 15:19:42


04/04/2025 15:19:43


04/04/2025 15:19:43

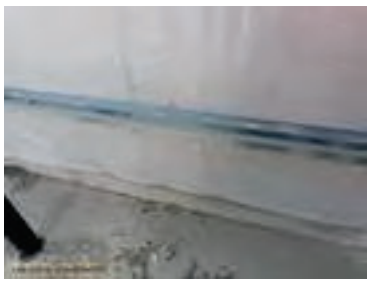

04/04/2025 15:19:43


04/04/2025 15:19:44

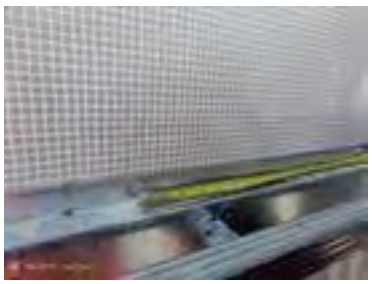

04/04/2025 15:19:44

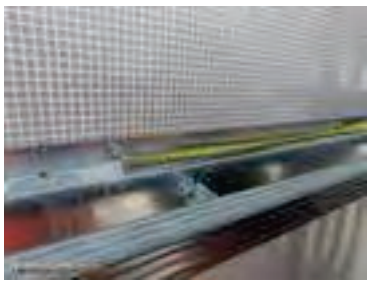

04/04/2025 15:19:44


04/04/2025 15:19:44


04/04/2025 15:19:45


04/04/2025 15:19:45


04/04/2025 15:19:45


04/04/2025 15:19:45

Comments	Created By	Date
powerlon vcl	Lily Pringle (Willmott Dixon Construction)	04/04/2025 15:20:11

Check the insulation is correctly fixed and the panels butt up close	Yes

Images


08/05/2025 07:53:35


08/05/2025 07:53:42


08/05/2025 07:53:49


08/05/2025 07:54:12


08/05/2025 07:55:11

Check the breather membrane is correctly fixed	Yes

Images


08/05/2025 07:55:31

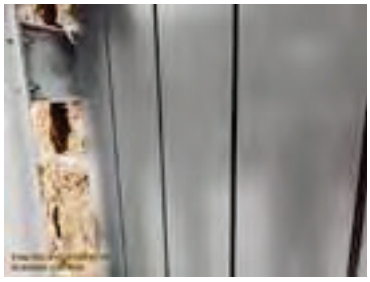

12/05/2025 13:59:46


12/05/2025 13:59:47

Check the installed metal panels for; fixings and centres are as specified, side laps sealant is correctly applied and the side lap fixings and centres are as specified	Yes

Images


08/05/2025 07:54:29


08/05/2025 07:54:46


08/05/2025 07:56:00


12/05/2025 13:59:28


12/05/2025 13:59:29


12/05/2025 13:59:30


12/05/2025 13:59:30


12/05/2025 13:59:31


12/05/2025 13:59:31

Check flashings are correctly fixed and longitudinal joints are sealed	Yes

Images


19/08/2025 13:55:06


19/08/2025 13:55:06


19/08/2025 13:55:07


19/08/2025 13:55:07


19/08/2025 13:55:07


19/08/2025 13:55:08


19/08/2025 13:55:09

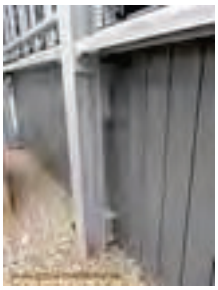

19/08/2025 13:55:09


19/08/2025 13:55:10


19/08/2025 13:55:10


19/08/2025 13:55:11


19/08/2025 13:55:11



19/08/2025 13:55:11



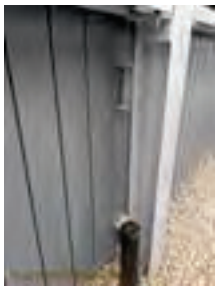
19/08/2025 13:55:12



19/08/2025 13:55:12



19/08/2025 13:55:13



19/08/2025 13:55:13



19/08/2025 13:55:14

Bespoke Items/Additional Checks	
#	**Checks carried out**
1	checkbefore dalkia start east
2	north
3	west
4	south
5	damage by others

#	Reference	Description	Date	Status	Issued To Package	Issued To Organisation
1	T421609.580	small low level scratches	09/06/2025 12:01:10	Signed Off	Cladding	Longworth Building Services Ltd

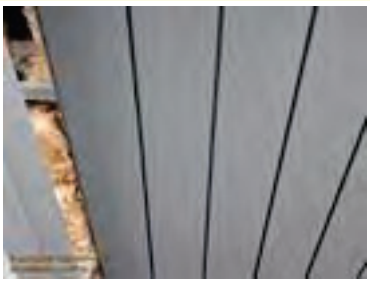
Images



09/06/2025 12:01:10



09/06/2025 12:01:35



09/06/2025 12:02:17



09/06/2025 12:02:37

2	T421609.581	small low level scratches	09/06/2025 12:04:07	Signed Off	Cladding	Longworth Building Services Ltd

Images



09/06/2025 12:04:07

Images

#1



09/06/2025 12:00:08



09/06/2025 12:00:13



09/06/2025 12:00:17



09/06/2025 12:01:47



09/06/2025 12:01:52



09/06/2025 12:02:07



09/06/2025 12:02:50



09/06/2025 12:02:56

#2



09/06/2025 12:03:17



09/06/2025 12:03:22



09/06/2025 12:03:28



09/06/2025 12:03:40

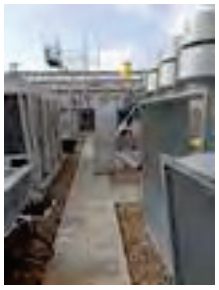


09/06/2025 12:03:45

#5



09/09/2025 10:38:23



09/09/2025 10:38:23



09/09/2025 10:38:24



09/09/2025 10:38:24



09/09/2025 10:38:25



09/09/2025 10:38:25



09/09/2025 10:38:26



09/09/2025 10:38:26



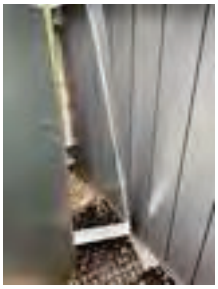
09/09/2025 10:38:27



09/09/2025 10:38:27



09/09/2025 10:43:28



09/09/2025 10:43:29



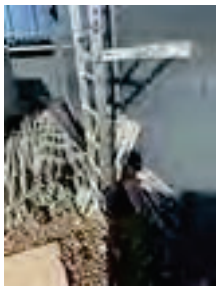
09/09/2025 10:43:29



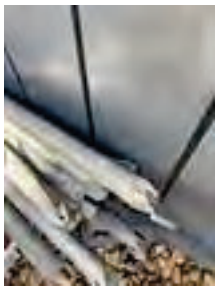
09/09/2025 10:43:29



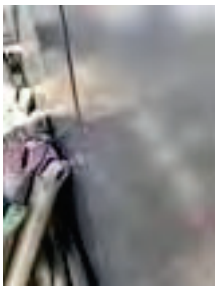
09/09/2025 10:43:30



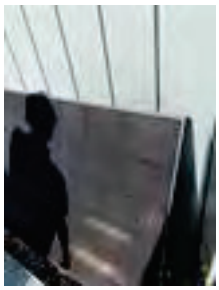
09/09/2025 10:43:30



09/09/2025 10:43:30



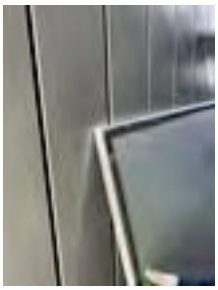
09/09/2025 10:43:31



09/09/2025 10:43:31



09/09/2025 10:43:32



09/09/2025 10:43:32



09/09/2025 10:43:32



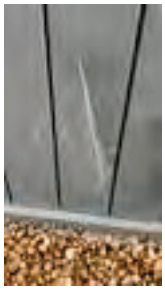
09/09/2025 10:43:33



09/09/2025 10:43:33



09/09/2025 10:43:34



09/09/2025 10:43:34



09/09/2025 10:43:36

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected	N/A		
2	Work area cleaned	N/A		

Closure

All Evidence available & actions closed S/C	

Darius Urbonas (Longworth Building Services Ltd)

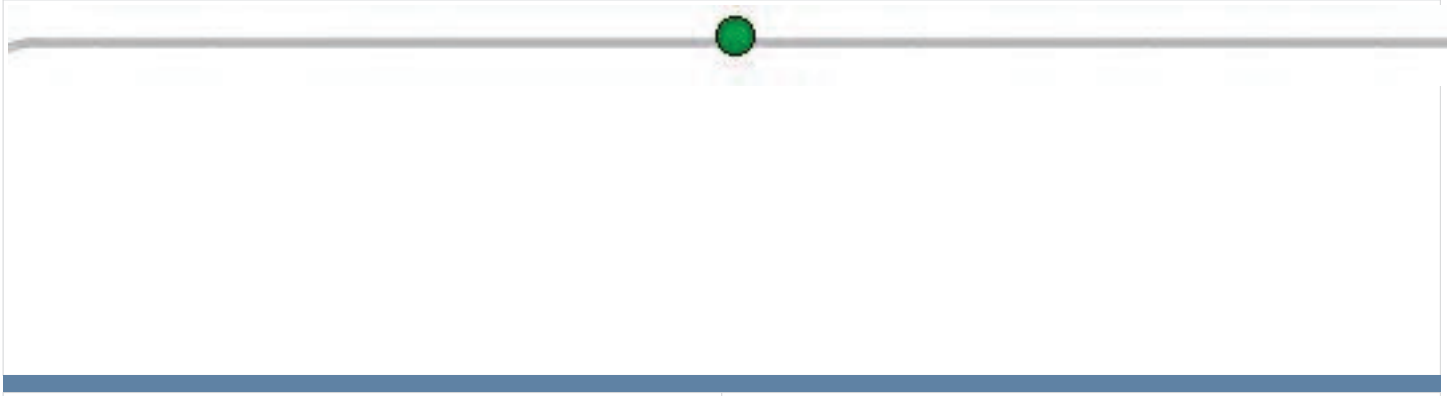
19/08/2025 13:01:44

All Evidence available & actions closed	
Date Closed	26/08/2025
Approval to pay	

QD Checklist-P1-Rainscreen Cladding

mast 1,2,3,4

Form Reference	F451169.65
Owned By	Darius Urbonas (Longworth Building Services Ltd)
Date	03/02/2025 11:15:45
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	North Elevation>Parapet Genius Facade>Cladding - Longworth>Facades>QUALITY DELIVERY



Form Location	North Elevation
Supply Chain	Longworth Building Services Ltd
Area of Works/Location	mast 1,2,3,4

General

#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	External cladding/wall finish	03/02/2025	03/02/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	rain screen cladding specification GRE BDP ZZ XX TX A 02104 genius facade panels	du	ab
2	Confirm Drawing	GRE LON ZZ 06 X 05100 - 05115	du	ab

#	Document Name	Created By	Date	
2	GRE-LON-ZZ-06-DR-X-05100_LEVEL 06 PLANT SCREEN NORTH ELEVATION 1 OF 5_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:20:58
2	GRE-LON-ZZ-06-DR-X-05101_LEVEL 06 PLANT SCREEN NORTH ELEVATION 2 OF 5_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:21:00
2	GRE-LON-ZZ-06-DR-X-05102_LEVEL 06 PLANT SCREEN NORTH ELEVATION 3 OF 5_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:21:02
2	GRE-LON-ZZ-06-DR-X-05103_LEVEL 06 PLANT SCREEN NORTH ELEVATION 4 OF 5_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:21:04
2	GRE-LON-ZZ-06-DR-X-05104_LEVEL 06 PLANT SCREEN NORTH ELEVATION 5 OF 5_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:21:05
2	GRE-LON-ZZ-06-DR-X-05114_LEVEL 06 PLANT SCREEN CAPPING LAYOUT NORTH ELEVATION 1 OF 2_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:21:07
2	GRE-LON-ZZ-06-DR-X-05115_LEVEL 06 PLANT SCREEN CAPPING LAYOUT NORTH ELEVATION 2 OF 2_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:21:08

Apply & Control

Pre Installation Checks

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	



Darius Urbonas (Longworth Building Services Ltd)

03/02/2025 11:16:08

WD countersign of HOLD POINT 1 when complete	



Abi Belfield (Willmott Dixon Construction)

03/02/2025 11:16:22

Comments	Created By	Date
no fire czvity barriers	Abi Belfield (Willmott Dixon Construction)	12/04/2025 09:38:19

Installation Checks	
When panels are to be stored on site, they should be kept in a waterproof environment	Yes
Ensure panels are lifted, not dragged or pulled, and that suction caps are used for polished or honed panels	Yes
Check that all support framework is in place before fixing the cladding and that the internal skin is weatherproof	Yes
Ensure there is still ventilation room behind the cladding and between the insulation	N/A
Check spec. for minimum joints between cladding panels and ensure it is achieved	Yes
Ensure consistent, even gap between panels is maintained across the system face	Yes
Check any EPDM or weathering system behind the panel, is complete, tested, handed over, clean and recorded before rainscreen panel is installed	N/A
Check primer has been applied to cover the required area	Yes
Check vapour barrier is neatly dressed and firmly sealed around openings and there is sufficient lapping which is also sealed	N/A
SCP HOLD POINT 2 - preceeding checks approved	

Darius Urbonas (Longworth Building Services Ltd)

21/05/2025 08:56:59

WD countersign of HOLD POINT 2 when complete	



Abi Belfield (Willmott Dixon Construction)

02/07/2025 14:57:58

Check supporting rails are fixed to support system correctly and are plumb line and level	Yes

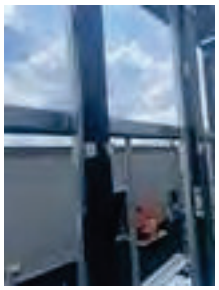
Images

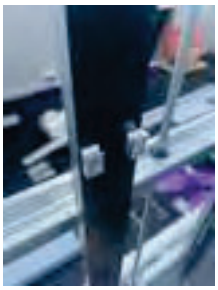

21/05/2025 08:58:24


21/05/2025 08:58:24


21/05/2025 08:58:25


21/05/2025 08:58:25


21/05/2025 08:58:25


21/05/2025 08:58:25


21/05/2025 08:58:26

SCP HOLD POINT 3 - preceeding checks approved	

Darius Urbonas (Longworth Building Services Ltd)

21/05/2025 08:57:07

WD countersign of HOLD POINT 3 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

02/07/2025 14:57:59

Check number of fixings on supporting brackets are correct. Check brackets are set out correctly and are correct depth.	Yes
SCP HOLD POINT 4 - preceeding checks approved	

Darius Urbonas (Longworth Building Services Ltd)

21/05/2025 08:58:37

WD countersign of HOLD POINT 4 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

02/07/2025 14:58:02

Check support system is plumb, line and in level	Yes
Ensure any openings in the cladding system are sufficiently closed off to birds, vermin and insects	N/A
Check insulation is correct type, thickness and is fixed correctly	N/A
HOLD POINT 4SCP HOLD POINT 5 - preceeding checks approved	

Darius Urbonas (Longworth Building Services Ltd)

21/05/2025 08:58:49

WD countersign of HOLD POINT 5 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

02/07/2025 14:58:05

Check the prevailing wind direction is taken into account when deciding panel sequence	Yes
Ensure panel fixings are as specified	Yes
Check all cavity closers and cavity trays have been fitted before cladding is installed	Yes
Ensure a barrier is in place between any different metals to prevent corrosion	Yes
Ensure there is a minimum gap of 20mm between back of panel and substrate wall or insulation	Yes
Check panels for plumb during install and adjust if reqd.	Yes
Ensure the panels are fitted in the correct sequence per the manufacturers recommendations/specification	Yes

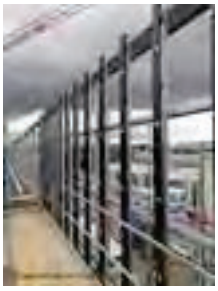
Images



04/06/2025 11:22:36



04/06/2025 11:22:36



04/06/2025 11:22:36



04/06/2025 11:22:37



04/06/2025 11:22:37



04/06/2025 11:22:38


04/06/2025 11:22:38


04/06/2025 11:22:39


04/06/2025 11:22:39

Bespoke Items/Additional Checks	
#	**Checks carried out**
1	mast 1 wdc
2	mast 2 wdc
3	mast 4 wdc

Images

#1


02/06/2025 14:22:10


02/06/2025 14:24:55


02/06/2025 14:24:55


02/06/2025 14:24:55


02/06/2025 14:24:56


02/06/2025 14:24:56


02/06/2025 14:24:56


02/06/2025 14:24:56


02/06/2025 14:24:57


02/06/2025 14:24:57


02/06/2025 14:24:57


02/06/2025 14:24:57



02/06/2025 14:24:57



02/06/2025 14:24:58



02/06/2025 14:24:58



02/06/2025 14:24:58



02/06/2025 14:24:58



02/06/2025 14:24:59



02/06/2025 14:24:59



02/06/2025 14:24:59



02/06/2025 14:24:59



02/06/2025 14:24:59

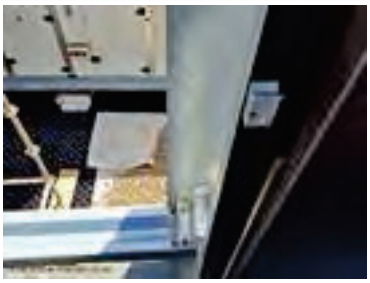
#2



02/06/2025 14:29:42



02/06/2025 14:29:43



02/06/2025 14:29:43







02/06/2025 14:29:43



02/06/2025 14:29:43



02/06/2025 14:29:44



02/06/2025 14:29:44



02/06/2025 14:29:44



02/06/2025 14:29:44



02/06/2025 14:29:45



02/06/2025 14:29:45



02/06/2025 14:29:45



02/06/2025 14:29:45



02/06/2025 14:29:45



02/06/2025 14:29:46



02/06/2025 14:29:46

02/06/2025 14:29:46

02/06/2025 14:29:46

02/06/2025 14:29:47



02/06/2025 14:29:47



02/06/2025 14:29:47




02/06/2025 14:29:47


02/06/2025 14:29:47


02/06/2025 14:29:48


02/06/2025 14:29:48


02/06/2025 14:29:48


02/06/2025 14:29:48


02/06/2025 14:29:48


02/06/2025 14:29:49


02/06/2025 14:29:49


02/06/2025 14:29:49


02/06/2025 14:29:49


02/06/2025 14:29:50


02/06/2025 14:29:50


02/06/2025 14:29:50


02/06/2025 14:29:50


02/06/2025 14:29:50

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed S/C	

Darius Urbonas (Longworth Building Services Ltd)

19/08/2025 13:35:24

All Evidence available & actions closed	
Date Closed	08/07/2024
Approval to pay	

QD Checklist-P1-Metal Cladding

Level 6

Form Reference	F451169.61
Owned By	Darius Urbonas (Longworth Building Services Ltd)
Date	03/02/2025 10:10:07
Status	Started
Project Name	K00290 - Greenheys Building, Bruntwood
Location	East Plant House>Cladding - Longworth>Facades>QUALITY DELIVERY

Form Location	East Plant House
Supply Chain	Longworth Building Services Ltd
Area of Works/Location	Level 6

General

#	Work Section	Element	Date Planned	Date Accepted
1	Roof covering works	Other	03/02/2025	03/02/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	Elite 54 - technical details https://www.eurocladgroup.com/gb/en/products/wall-solutions/wall-systems/elite-54/?s=d	DU	AB
2	Confirm Drawing	GRE LON ZZ 06 DR X 04001 - 05111	DU	AB

#	Document Name	Created By	Date	
2	GRE-LON-ZZ-06-DR-X-04001_EAST PLANT ROOM GA PLAN_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	11/04/2025 14:33:18
2	GRE-LON-ZZ-06-DR-X-04011_EAST PLANT ROOM GA ROOF PLAN EXTERNAL CLADDING PANEL_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	11/04/2025 14:33:20
2	GRE-LON-ZZ-06-DR-X-04102_EAST PLANT ROOM NORTH & EAST ELEVATIONS EXTERNAL OPUS CLADDING VIEW_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	11/04/2025 14:33:22
2	GRE-LON-ZZ-06-DR-X-04103_EAST PLANT ROOM SOUTH & WEST ELEVATIONS EXTERNAL OPUS CLADDING VIEW_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	11/04/2025 14:33:24
2	GRE-LON-ZZ-06-DR-X-04122_EAST PLANT ROOM NORTH & EAST ELEVATIONS EUROCLAD (_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	11/04/2025 14:33:27
2	GRE-LON-ZZ-06-DR-X-04123_EAST PLANT ROOM SOUTH & WEST ELEVTIONS EUROCLAD (E_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	11/04/2025 14:33:40
2	GRE-LON-ZZ-06-DR-X-04514_EAST PLANT ROOM SOUTH#WEST CORNER DETAIL_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	11/04/2025 14:34:02
2	GRE-LON-ZZ-06-DR-X-04515_EAST PLANT ROOM SOUTH#EAST CORNER DETAIL_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	11/04/2025 14:34:04
2	GRE-LON-ZZ-06-DR-X-04517_EAST PLANT ROOM NORTH#WEST CORNER DETAIL_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	11/04/2025 14:34:06
2	GRE-LON-ZZ-06-DR-X-05110_LEVEL 06 PLANT SCREEN EAST ELEVATION 1 OF 2_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	11/04/2025 14:34:07
2	GRE-LON-ZZ-06-DR-X-05111_LEVEL 06 PLANT SCREEN EAST ELEVATION 2 OF 2_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	11/04/2025 14:34:10

Apply & Control

Pre Installation Checks

Check the drawings and specification sufficiently detail: the backing for fixing insulation, a breather membrane, fire stops and details around openings	Yes
SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	



Abi Belfield (Willmott Dixon Construction)

10/04/2025 13:08:27

WD countersign of HOLD POINT 1 when complete	



Abi Belfield (Willmott Dixon Construction)

10/04/2025 13:08:32

Installation Checks	
Check the sheeting rails align and the fixings and centres are as specified	Yes

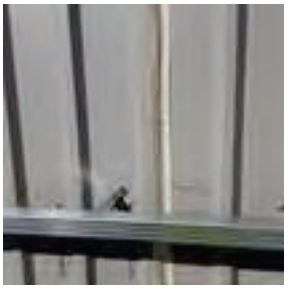
Images



23/04/2025 08:07:41



23/04/2025 08:08:03



23/04/2025 08:08:03



23/04/2025 08:08:04



23/04/2025 08:08:04



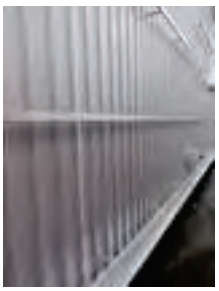
23/04/2025 08:09:42



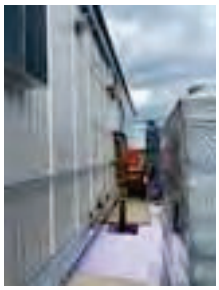
23/04/2025 08:09:42



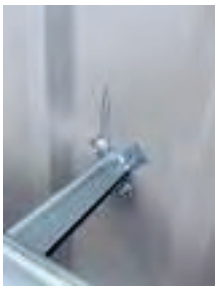
23/04/2025 08:09:43



23/04/2025 08:09:43

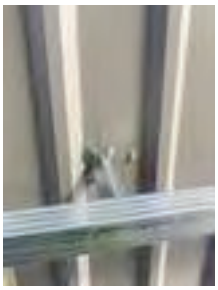

28/04/2025 10:27:42


28/04/2025 10:27:42


28/04/2025 10:27:43

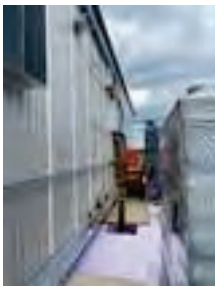

28/04/2025 10:27:43


28/04/2025 10:27:43

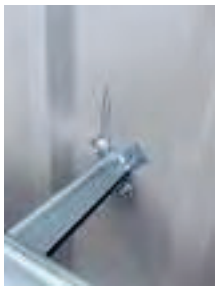

12/05/2025 13:23:10


12/05/2025 13:23:11


12/05/2025 13:23:47


12/05/2025 13:24:22


12/05/2025 13:24:22


12/05/2025 13:24:23

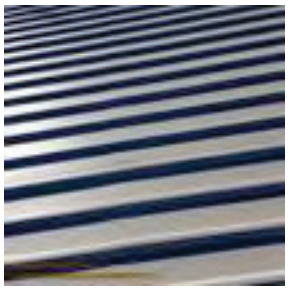
Check the liner sheet is correctly fixed and the sealant is correctly applied to side laps	Yes

Images


26/03/2025 15:35:37

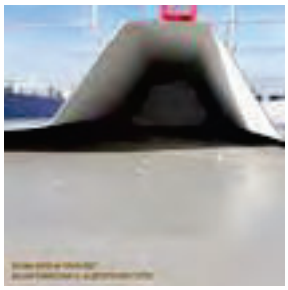

26/03/2025 15:36:09

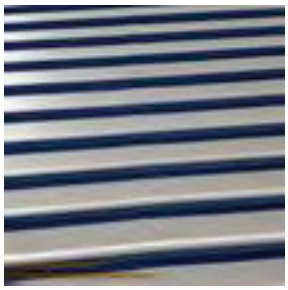

26/03/2025 15:36:19

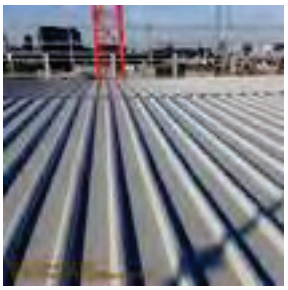

26/03/2025 15:36:31


26/03/2025 15:37:05

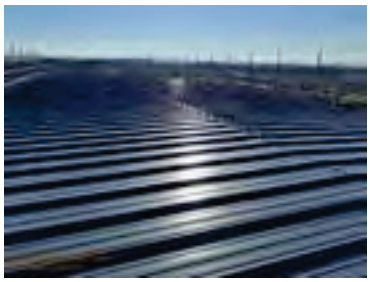

26/03/2025 15:38:24


26/03/2025 15:38:49

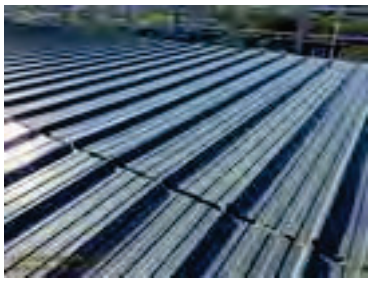

26/03/2025 15:40:01

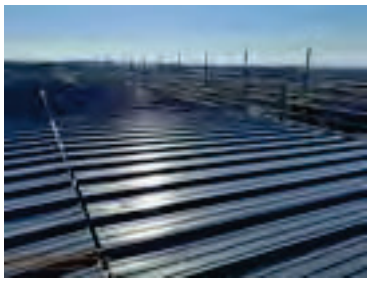

26/03/2025 15:41:14


26/03/2025 15:41:36

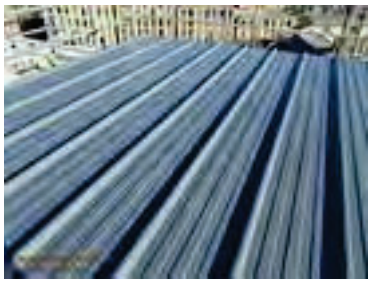

02/04/2025 09:20:20

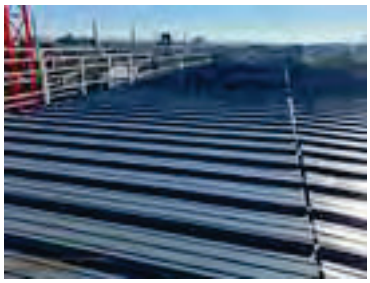

02/04/2025 09:20:25

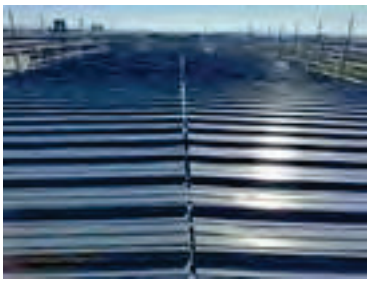

02/04/2025 09:20:31


02/04/2025 09:20:36


02/04/2025 09:20:41


02/04/2025 09:20:47


02/04/2025 09:20:53


02/04/2025 09:20:59


10/04/2025 13:09:11


10/04/2025 13:09:16


10/04/2025 13:09:20



10/04/2025 13:09:25



10/04/2025 13:09:31



10/04/2025 13:09:39



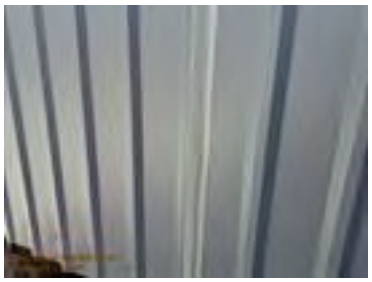
10/04/2025 13:09:44



10/04/2025 13:09:50



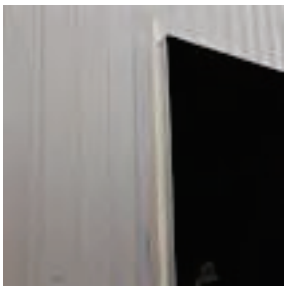
10/04/2025 13:09:57



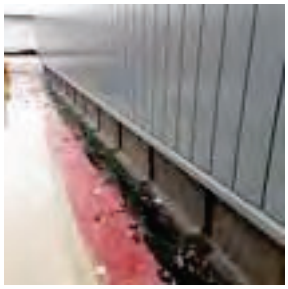
10/04/2025 13:10:04



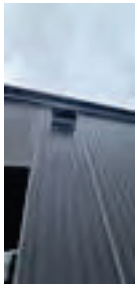
10/04/2025 13:10:22



23/04/2025 08:03:50



23/04/2025 08:03:50



23/04/2025 08:04:19



23/04/2025 08:04:19



23/04/2025 08:04:19



23/04/2025 08:04:20

Document Name	Type	Created By	Date
1.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:03
2.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:05
3.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:06
4.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:08

5.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:10
6.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:11
7.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:13
8.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:15
9.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:17
10.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:19
11.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:20
12.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:22
13.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:24
14.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:26
15.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:28
16.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:30
17.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:32
18.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:34
19.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:36
20.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:37
21.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:39
22.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:41
23.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:43
24.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:44
26.jpg	Image	Abi Belfield (Willmott Dixon Construction)	27/03/2025 17:08:46

Check the insulation is correctly fixed and the panels butt up close	No

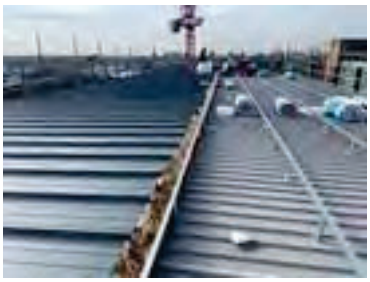
Images



03/04/2025 15:40:04



03/04/2025 15:40:04



03/04/2025 15:40:05







03/04/2025 15:40:05



03/04/2025 15:45:00



03/04/2025 15:45:00



23/04/2025 08:06:02

23/04/2025 08:06:18

23/04/2025 08:06:19



23/04/2025 08:06:19

Check the breather membrane is correctly fixed	N/A
Check the installed metal panels for; fixings and centres are as specified, side laps sealant is correctly applied and the side lap fixings and centres are as specified	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T486347.42	work in progress but only 2 fixings per rail. make sure 4 as per drawing	24/04/2025 08:41:00	Signed Off	Cladding	Longworth Building Services Ltd

Images

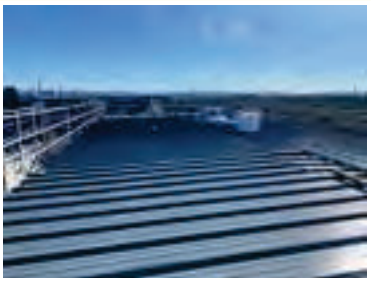


24/04/2025 08:41:00



28/04/2025 10:07:55

Images



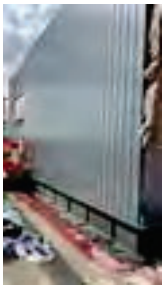
03/04/2025 15:46:42



03/04/2025 15:46:42



03/04/2025 15:46:43







23/04/2025 08:05:39



23/04/2025 08:05:39



23/04/2025 08:05:39



23/04/2025 08:05:40



12/05/2025 13:20:59



12/05/2025 13:20:59

12/05/2025 13:21:12



12/05/2025 13:21:59

Check flashings are correctly fixed and longitudinal joints are sealed	Yes

Images

13/05/2025 09:52:04



13/05/2025 09:52:13



13/05/2025 09:52:38

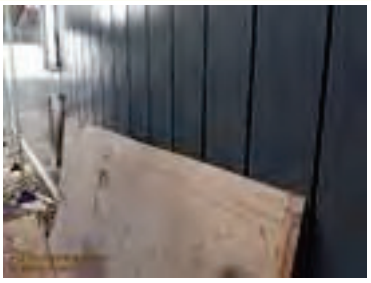
13/05/2025 09:56:13

Bespoke Items/Additional Checks

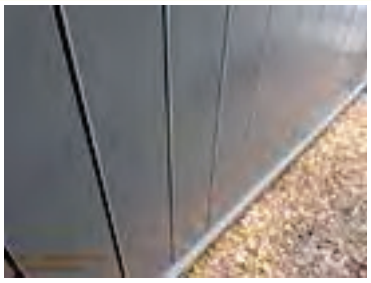
#	Checks carried out
1	north elevation
2	east elevation
3	south elevation
4	west elevation

#	Reference	Description	Date	Status	Issued To Package	Issued To Organisation
1	T486347.59	please see all photos across elevations in bespoke items showing damage	13/05/2025 09:51:44	Signed Off	Cladding	Longworth Building Services Ltd
4	T421609.627	damage by towers and ducts	08/07/2025 09:50:04	Opened	Cladding	Longworth Building Services Ltd

Images



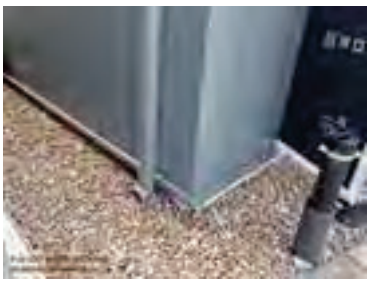
08/07/2025 09:50:04



08/07/2025 09:50:04



08/07/2025 09:50:04



08/07/2025 09:50:04

Images

#1



13/05/2025 09:40:06



13/05/2025 09:40:13



13/05/2025 09:40:25



13/05/2025 09:40:34



13/05/2025 09:40:59



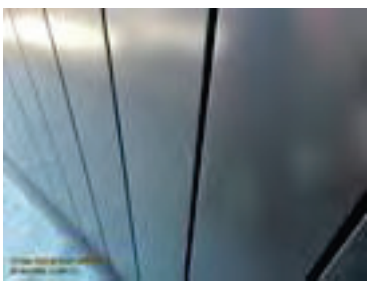
13/05/2025 09:41:13



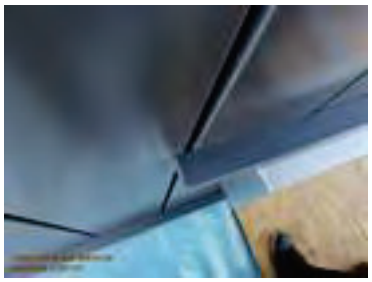
13/05/2025 09:41:30

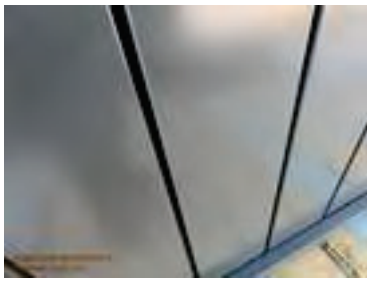


13/05/2025 09:41:45



13/05/2025 09:41:57


13/05/2025 09:42:04


13/05/2025 09:42:14


13/05/2025 09:42:20

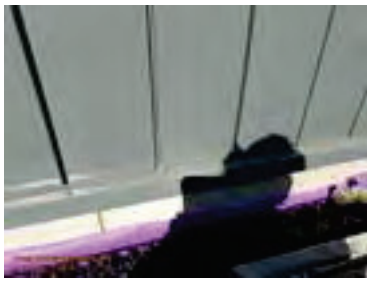

13/05/2025 09:42:28


13/05/2025 09:42:34


13/05/2025 09:42:40

#2

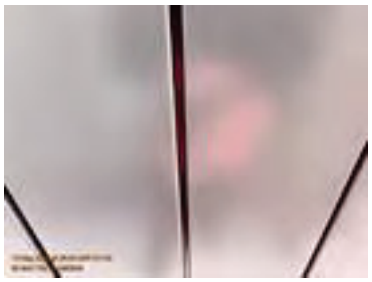

13/05/2025 09:49:01


13/05/2025 09:49:09


13/05/2025 09:49:28


13/05/2025 09:49:39

#3


13/05/2025 09:45:09


13/05/2025 09:45:21


13/05/2025 09:45:33



13/05/2025 09:45:57



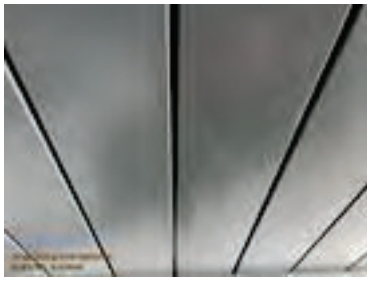
13/05/2025 09:46:07



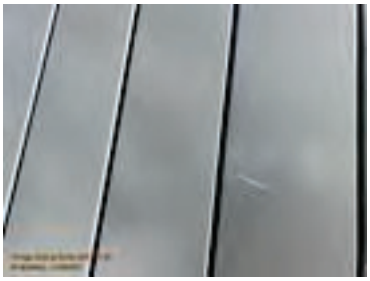
13/05/2025 09:46:25



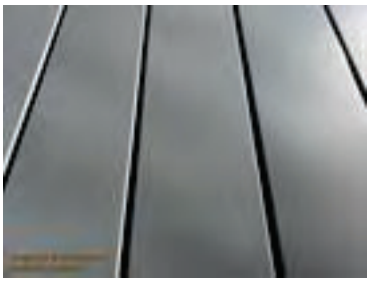
13/05/2025 09:46:40



13/05/2025 09:46:49



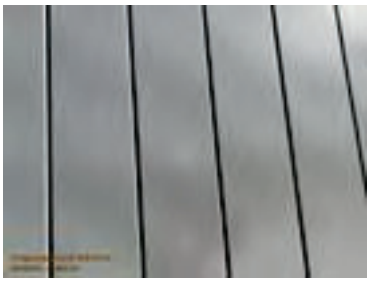
13/05/2025 09:46:59



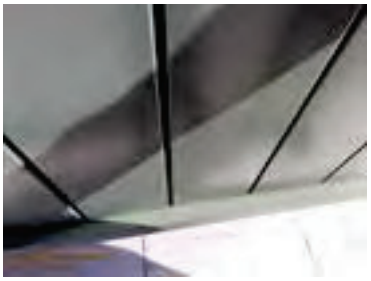
13/05/2025 09:47:16



13/05/2025 09:47:27



13/05/2025 09:47:42



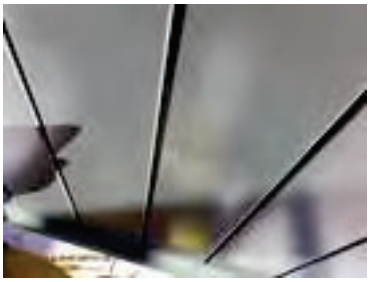
13/05/2025 09:47:50



13/05/2025 09:47:57



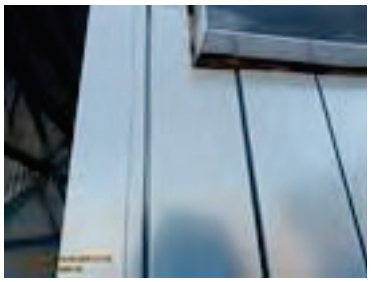
13/05/2025 09:48:15



13/05/2025 09:48:23

#4







13/05/2025 09:43:06



13/05/2025 09:43:23



13/05/2025 09:43:32



13/05/2025 09:43:42



13/05/2025 09:43:55



13/05/2025 09:44:08



13/05/2025 09:44:27

13/05/2025 09:44:39

13/05/2025 09:44:48

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected	N/A	N/A	N/A
2	Work area cleaned	N/A	N/A	N/A

Closure	
All Evidence available & actions closed S/C	

Darius Urbonas (Longworth Building Services Ltd)

19/08/2025 13:09:47

All Evidence available & actions closed	

Darius Urbonas (Longworth Building Services Ltd)

20/11/2025 11:44:56

Date Closed	01/08/2025
Approval to pay	Approved

QD Checklist-P1-Rainscreen Cladding

South mast 11,10,9,8,

Form Reference	F451169.64
Owned By	Darius Urbonas (Longworth Building Services Ltd)
Date	03/02/2025 11:14:54
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	South Elevation>Parapet Genius Facade>Cladding - Longworth>Facades>QUALITY DELIVERY



Form Location	South Elevation
Supply Chain	Longworth Building Services Ltd
Area of Works/Location	South mast 11,10,9,8,

General

#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	External cladding/wall finish	03/02/2025	03/02/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	rain screen cladding specification GRE BDP ZZ XX TX A 02104 genius facade panels	DU	AB
2	Confirm Drawing	GRE LON ZZ 06 DR X 05105 - 05506	DU	AB

#	Document Name	Created By	Date	
1	GRE-LON-ZZ-06-DR-X-05105_LEVEL 06 PLANT SCREEN SOUTH ELEVATION 1 OF 5_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:12:34
1	GRE-LON-ZZ-06-DR-X-05106_LEVEL 06 PLANT SCREEN SOUTH ELEVATION 2 OF 5_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:12:35
1	GRE-LON-ZZ-06-DR-X-05107_LEVEL 06 PLANT SCREEN SOUTH ELEVATION 3 OF 5_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:12:37
1	GRE-LON-ZZ-06-DR-X-05108_LEVEL 06 PLANT SCREEN SOUTH ELEVATION 4 OF 5_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:12:39
1	GRE-LON-ZZ-06-DR-X-05109_LEVEL 06 PLANT SCREEN SOUTH ELEVATION 5 OF 5_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:12:40
1	GRE-LON-ZZ-06-DR-X-05116_LEVEL 06 PLANT SCREEN CAPPING LAYOUT SOUTH ELEVATION 1 OF 2_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:12:42
1	GRE-LON-ZZ-06-DR-X-05117_LEVEL 06 PLANT SCREEN CAPPING LAYOUT SOUTH ELEVATION 2 OF 2_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:12:46
1	GRE-LON-ZZ-06-DR-X-05503_TYPICAL LEVEL 06 RAINSCREEN PANEL MODULES_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:12:48

1	GRE-LON-ZZ-06-DR-X-05504_TYPICAL LEVEL 6 RAINSCREEN PANEL PERFORATION PATTERNS_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:12:49
1	GRE-LON-ZZ-06-DR-X-05506_LEVEL 06 PLANT SCREEN VERTICAL JOINT DETAIL INFILL PANEL BAY JOINT_A5 Approved and accepted as Stage Complete_C01_0.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:12:51

Apply & Control

Pre Installation Checks

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	



Darius Urbonas (Longworth Building Services Ltd)

03/02/2025 11:15:29

WD countersign of HOLD POINT 1 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

03/02/2025 11:15:34

Installation Checks

When panels are to be stored on site, they should be kept in a waterproof environment	Yes

Images



12/05/2025 13:26:41



12/05/2025 13:26:42



12/05/2025 13:26:43

Ensure panels are lifted, not dragged or pulled, and that suction caps are used for polished or honed panels	Yes
Check that all support framework is in place before fixing the cladding and that the internal skin is weatherproof	N/A
Ensure there is still ventilation room behind the cladding and between the insulation	N/A
Check spec. for minimum joints between cladding panels and ensure it is achieved	Yes

Images



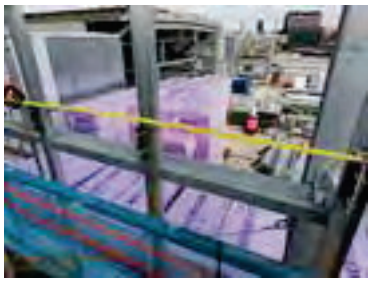
25/04/2025 11:10:13



25/04/2025 11:10:20



25/04/2025 11:10:27


25/04/2025 11:10:36


25/04/2025 11:11:35


25/04/2025 11:11:46


08/05/2025 07:48:04


08/05/2025 07:48:10


08/05/2025 07:48:22


08/05/2025 07:49:02


08/05/2025 07:49:08

Ensure consistent, even gap between panels is maintained across the system face	Yes

Images


08/05/2025 07:49:23

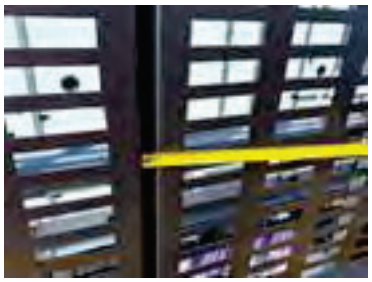

08/05/2025 07:49:35


22/05/2025 15:15:11


22/05/2025 15:15:19


22/05/2025 15:15:47


22/05/2025 15:15:54



22/05/2025 15:15:59

Check any EPDM or weathering system behind the panel, is complete, tested, handed over, clean and recorded before rainscreen panel is installed	N/A
Check primer has been applied to cover the required area	Yes

Comments	Created By	Date
na	Abi Belfield (Willmott Dixon Construction)	24/04/2025 07:33:34

Check vapour barrier is neatly dressed and firmly sealed around openings and there is sufficient lapping which is also sealed	N/A
SCP HOLD POINT 2 - preceeding checks approved	

Darius Urbonas (Longworth Building Services Ltd)

28/04/2025 10:31:02

Images



28/04/2025 10:31:39



28/04/2025 10:31:39



28/04/2025 10:31:39



28/04/2025 10:31:40



28/04/2025 10:31:40



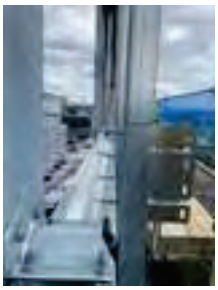
28/04/2025 10:31:40



28/04/2025 10:31:41



28/04/2025 10:31:41



28/04/2025 10:31:41



28/04/2025 10:31:42

WD countersign of HOLD POINT 2 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

07/05/2025 07:52:44

Check supporting rails are fixed to support system correctly and are plumb line and level	Yes

Images



28/04/2025 10:37:34



28/04/2025 10:37:35



28/04/2025 10:37:35



28/04/2025 10:37:35



28/04/2025 10:37:36



28/04/2025 10:37:37



08/05/2025 07:50:00



08/05/2025 07:50:12



08/05/2025 07:50:22



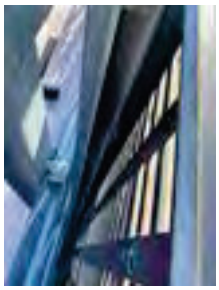
12/05/2025 13:28:19



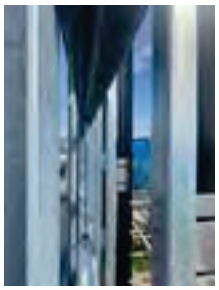
12/05/2025 13:28:19



12/05/2025 13:28:20



12/05/2025 13:28:20



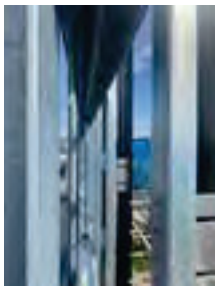
12/05/2025 13:28:48



12/05/2025 13:28:49



12/05/2025 13:29:21



12/05/2025 13:29:21



12/05/2025 13:29:22



12/05/2025 13:29:23



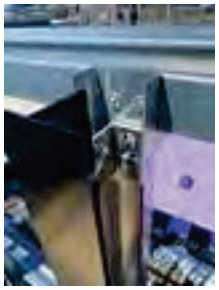
12/05/2025 13:29:24



12/05/2025 13:29:24



12/05/2025 13:29:25



12/05/2025 13:29:25



12/05/2025 13:29:26





12/05/2025 13:29:27 12/05/2025 13:29:27

SCP HOLD POINT 3 - preceeding checks approved	

Darius Urbonas (Longworth Building Services Ltd)

28/04/2025 10:31:56

WD countersign of HOLD POINT 3 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

07/05/2025 07:52:40

Check number of fixings on supporting brackets are correct. Check brackets are set out correctly and are correct depth.	Yes

Images



28/04/2025 10:38:01



28/04/2025 10:38:01



28/04/2025 10:38:01



28/04/2025 10:38:02



28/04/2025 10:38:03



19/05/2025 13:56:42



19/05/2025 13:56:42



19/05/2025 13:56:43



19/05/2025 13:56:43



19/05/2025 13:56:43



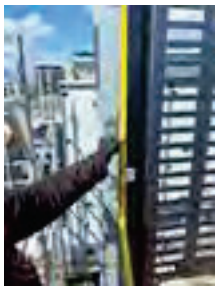
19/05/2025 13:56:43



19/05/2025 13:56:43



22/05/2025 15:17:13



22/05/2025 15:17:23

SCP HOLD POINT 4 - preceeding checks approved	

Darius Urbonas (Longworth Building Services Ltd)

28/04/2025 10:32:08

WD countersign of HOLD POINT 4 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

07/05/2025 07:52:51

Check support system is plumb, line and in level	Yes
Ensure any openings in the cladding system are sufficiently closed off to birds, vermin and insects	N/A
Check insulation is correct type, thickness and is fixed correctly	N/A
HOLD POINT 4SCP HOLD POINT 5 - preceeding checks approved	

Darius Urbonas (Longworth Building Services Ltd)

28/04/2025 10:33:07

WD countersign of HOLD POINT 5 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

07/05/2025 07:52:54

Check the prevailing wind direction is taken into account when deciding panel sequence	Yes
Ensure panel fixings are as specified	Yes
Check all cavity closers and cavity trays have been fitted before cladding is installed	N/A
Ensure a barrier is in place between any different metals to prevent corrosion	Yes
Ensure there is a minimum gap of 20mm between back of panel and substrate wall or insulation	Yes
Check panels for plumb during install and adjust if reqd.	Yes
Ensure the panels are fitted in the correct sequence per the manufacturers recommendations/specification	Yes

Images



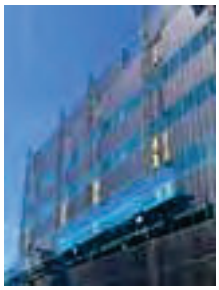
12/05/2025 13:30:44



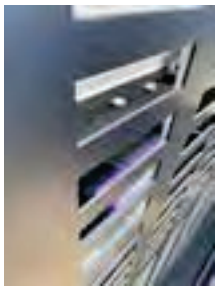
12/05/2025 13:30:45



12/05/2025 13:30:45



12/05/2025 13:30:46



12/05/2025 13:31:17



12/05/2025 13:31:18



12/05/2025 13:31:18



12/05/2025 13:31:59



12/05/2025 13:32:00



19/05/2025 13:53:38



19/05/2025 13:53:39



19/05/2025 13:54:14



19/05/2025 13:54:14



19/05/2025 13:54:15

Bespoke Items/Additional Checks	
#	**Checks carried out**
1	fixings check mast 8/9
2	fii

Images

#1



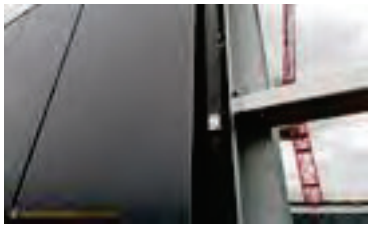
19/05/2025 08:45:29



19/05/2025 08:45:29



19/05/2025 08:45:29



19/05/2025 08:45:29



19/05/2025 08:45:29



19/05/2025 08:45:29



19/05/2025 08:45:30



19/05/2025 08:45:30



19/05/2025 08:45:30



19/05/2025 08:45:30



19/05/2025 08:45:31



22/05/2025 15:18:31



22/05/2025 15:18:36



22/05/2025 15:18:43



22/05/2025 15:19:12



22/05/2025 15:19:20



22/05/2025 15:19:35



22/05/2025 15:19:45



22/05/2025 15:19:49



22/05/2025 15:20:01



22/05/2025 15:20:10



22/05/2025 15:20:18



22/05/2025 15:20:26



22/05/2025 15:20:31



22/05/2025 15:23:29



22/05/2025 15:23:35



22/05/2025 15:23:40



22/05/2025 15:23:46



22/05/2025 15:23:51



22/05/2025 15:23:59



22/05/2025 15:24:04



22/05/2025 15:24:11



22/05/2025 15:24:41



22/05/2025 15:24:51



22/05/2025 15:25:10

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed S/C	

[redacted]

Darius Urbonas (Longworth Building Services Ltd)

02/07/2025 13:01:29

All Evidence available & actions closed	

[redacted]

Abi Belfield (Willmott Dixon Construction)

02/07/2025 13:01:11

Date Closed	02/07/2025
Approval to pay	

QD Checklist-P1-Metal Cladding

Parapet cladding and caping

Form Reference	F410688.357
Owned By	Abi Belfield (Willmott Dixon Construction)
Date	05/08/2025 09:07:02
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Level 2 Terrace Roof>Roofs>QUALITY DELIVERY

Form Location	Level 2 Terrace Roof
Supply Chain	Longworth Building Services Ltd
Area of Works/Location	Parapet cladding and caping

General

#	Work Section	Element	Date Planned	Date Accepted
1	Roof covering works	External Walls	05/08/2025	05/08/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	GRE-LON-ZZ-02-DR-X-02001	du	LP and AB
2	Confirm Drawing	GRE-LON-ZZ-02-DR-X-07000 C02	du	LP and AB

Images

#1



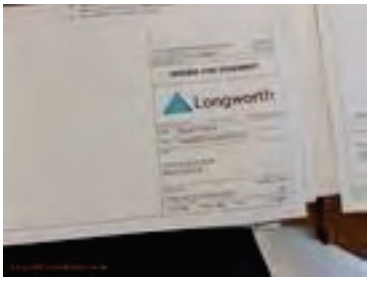
05/08/2025 09:26:01



05/08/2025 09:26:07



05/08/2025 09:28:29



05/08/2025 09:28:45

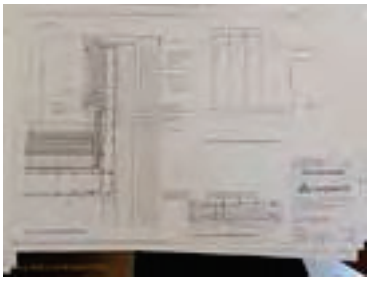
#2



05/08/2025 09:27:53



05/08/2025 09:27:59



05/08/2025 09:30:07



05/08/2025 09:30:25

Apply & Control

Pre Installation Checks

Check the drawings and specification sufficiently detail: the backing for fixing insulation, a breather membrane, fire stops and details around openings	Yes
SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	

[redacted]

Abi Belfield (Willmott Dixon Construction)

24/09/2025 08:53:05

WD countersign of HOLD POINT 1 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

24/09/2025 08:53:09

Installation Checks

Check the sheeting rails align and the fixings and centres are as specified	Yes

Images



05/08/2025 10:34:26



05/08/2025 10:34:32



05/08/2025 10:34:37



05/08/2025 10:34:45



05/08/2025 10:34:51



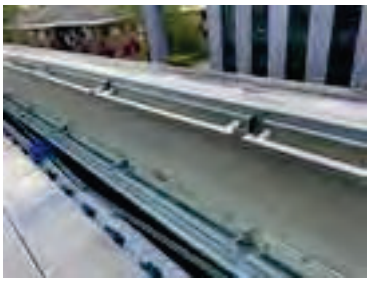
05/08/2025 10:35:10



05/08/2025 10:35:16



30/09/2025 13:59:55



30/09/2025 13:59:56



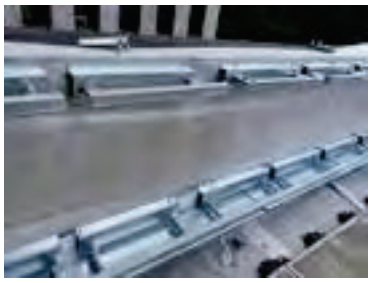
30/09/2025 14:00:15



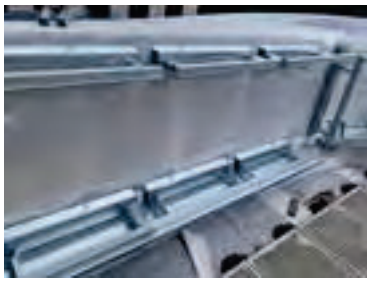
30/09/2025 14:00:15



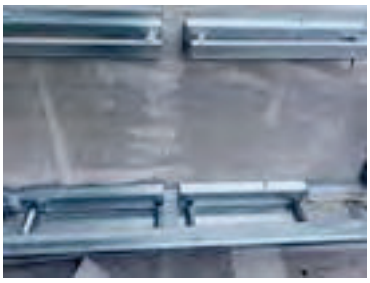
30/09/2025 14:00:15



30/09/2025 14:00:16



30/09/2025 14:00:16



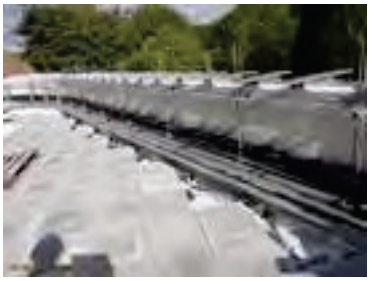
30/09/2025 14:00:17



30/09/2025 14:00:17



30/09/2025 14:22:14



30/09/2025 14:22:15



30/09/2025 14:22:15



30/09/2025 14:22:15



30/09/2025 14:22:16







30/09/2025 14:22:16



30/09/2025 14:22:17



30/09/2025 14:22:17



30/09/2025 14:22:18



30/09/2025 14:22:18



30/09/2025 14:22:19



30/09/2025 14:22:19



30/09/2025 14:22:20



30/09/2025 14:22:20

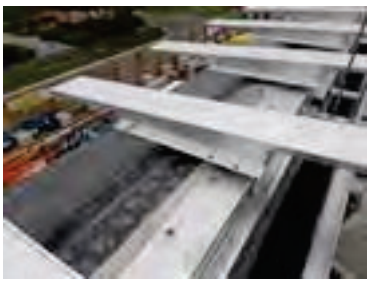


30/09/2025 14:22:21

30/09/2025 14:22:21

30/09/2025 14:22:21

27/10/2025 09:09:11



27/10/2025 09:09:12



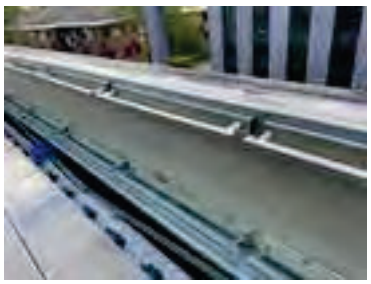
27/10/2025 09:09:12



27/10/2025 09:09:29



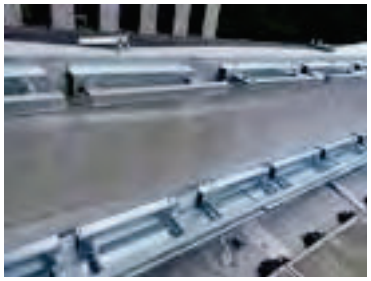
27/10/2025 09:09:29

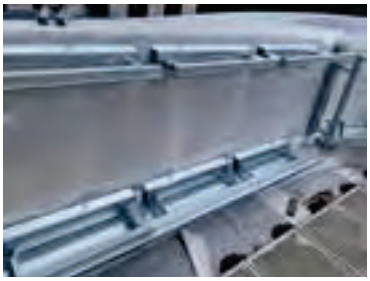


27/10/2025 09:09:30

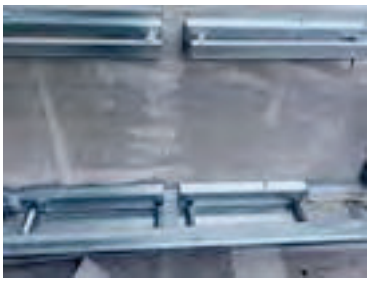








27/10/2025 09:09:50 27/10/2025 09:09:50 27/10/2025 09:09:51

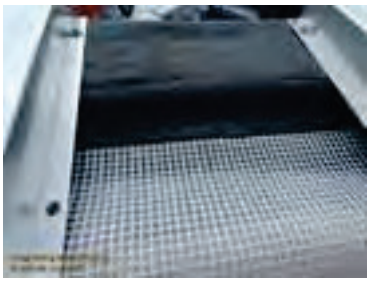


27/10/2025 09:09:51

Check the liner sheet is correctly fixed and the sealant is correctly applied to side laps	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T410688.210	Confirm fixing centres on top path	05/08/2025 10:43:13	Signed Off	Cladding	Longworth Building Services Ltd
T372761.229	use suitable membrane to seal vcl and edpm between parapet capping. current tape is not sufficient to parapet	24/09/2025 08:54:32	Signed Off	Cladding	Longworth Building Services Ltd

Images



24/09/2025 08:54:32



24/09/2025 09:13:31

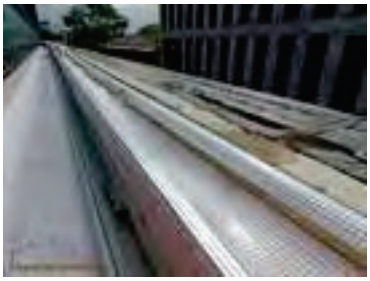


30/09/2025 14:11:59



30/09/2025 14:11:59

Images



05/08/2025 10:39:38



24/09/2025 08:53:22

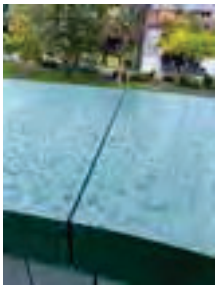


24/09/2025 08:53:27


20/11/2025 11:54:57


20/11/2025 11:54:57


20/11/2025 11:54:57


20/11/2025 11:54:58


20/11/2025 11:54:58


20/11/2025 11:54:58


20/11/2025 11:54:59


20/11/2025 11:54:59

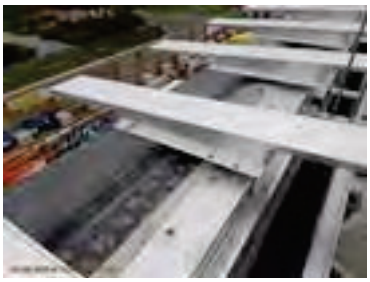
Check the insulation is correctly fixed and the panels butt up close	N/A
Check the breather membrane is correctly fixed	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T410688.227	make sure edpm and vcl are sealed across top of parapet as per drawing. additional edpm	20/08/2025 09:19:36	Signed Off	Cladding	Longworth Building Services Ltd

Images


20/08/2025 09:19:36


20/08/2025 09:19:36

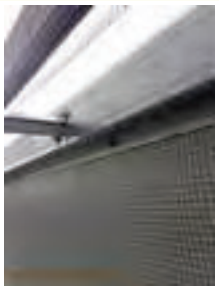

30/09/2025 14:17:59


30/09/2025 14:17:59


30/09/2025 14:17:59

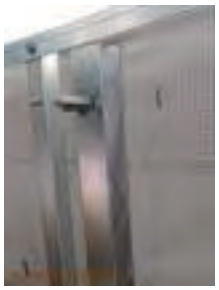
Images


19/08/2025 14:25:13


19/08/2025 14:25:14


19/08/2025 14:25:14


19/08/2025 14:25:15


19/08/2025 14:25:15


19/08/2025 14:25:16


19/08/2025 14:25:16


19/08/2025 14:25:17


19/08/2025 14:25:17


19/08/2025 14:25:17


19/08/2025 14:25:18


19/08/2025 14:25:18


19/08/2025 14:25:19


19/08/2025 14:25:19


19/08/2025 14:25:20


19/08/2025 14:25:20


19/08/2025 14:25:21


19/08/2025 14:25:21

Check the installed metal panels for; fixings and centres are as specified, side laps sealant is correctly applied and the side lap fixings and centres are as specified	Yes

Images


05/08/2025 10:37:32


05/08/2025 10:37:43


05/08/2025 10:38:00


05/08/2025 10:38:25


24/09/2025 08:58:54


24/09/2025 08:58:55


24/09/2025 08:58:55


24/09/2025 08:58:55


24/09/2025 08:58:56


24/09/2025 08:58:56

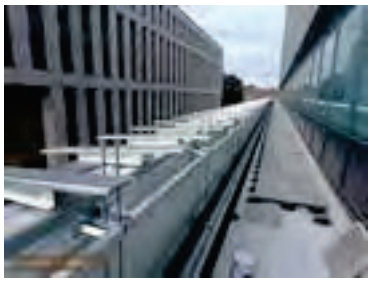

24/09/2025 08:58:56


24/09/2025 08:58:57


24/09/2025 08:58:57


24/09/2025 08:59:58

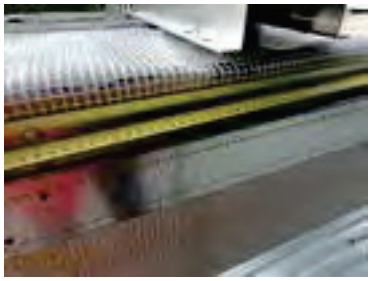

24/09/2025 09:00:06

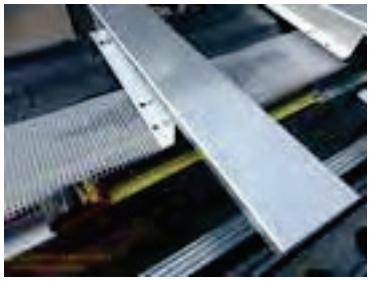

24/09/2025 09:00:12


24/09/2025 09:00:23



24/09/2025 09:00:36


24/09/2025 09:00:48


24/09/2025 09:01:00


24/09/2025 09:01:09


24/09/2025 09:12:58


27/10/2025 09:08:34


27/10/2025 09:08:34

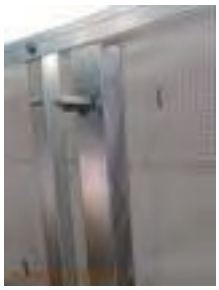
Check flashings are correctly fixed and longitudinal joints are sealed	Yes

Images

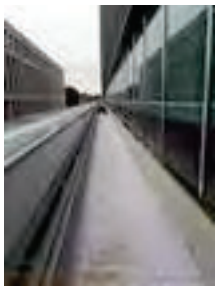

05/08/2025 10:38:55


05/08/2025 10:39:10


05/08/2025 10:39:16



19/08/2025 14:26:23



19/08/2025 14:26:24



20/11/2025 11:57:52



20/11/2025 11:57:53



20/11/2025 11:57:53



20/11/2025 11:57:53



20/11/2025 11:57:54



20/11/2025 11:57:54



20/11/2025 11:57:54



20/11/2025 11:57:54



20/11/2025 11:57:55

Bespoke Items/Additional Checks

#	Checks carried out

Complete for Quality

#	Check Item	S/C Initial	WD Initial	Type of Evidence
1	Works adequately protected	DU	AB	N/A
2	Work area cleaned	DU	AB	N/A

Closure

All Evidence available & actions closed S/C	

Darius Urbonas (Longworth Building Services Ltd)

27/10/2025 09:07:43

All Evidence available & actions closed	

Darius Urbonas (Longworth Building Services Ltd)

20/11/2025 11:54:11

Comments	Created By	Date
completed 15.11.2025	Darius Urbonas (Longworth Building Services Ltd)	20/11/2025 11:58:33

Date Closed	18/11/2025
Approval to pay	N/A

WILLMOTT DIXON SINCE 1852

QD Checklist-P1-Curtain Walling

mast 2

Form Reference	F421609.284
Owned By	Anthony Bowen (RED Systems Ltd)
Date	08/04/2025 11:27:17
Status	Started
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Mast 2>North Elevation>Curtain Wall - REDs>Facades>QUALITY DELIVERY

Form Location	Mast 2
Supply Chain	RED Systems Ltd
Area of Works/Location	mast 2

General

#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	Windows & Curtain Walling	08/04/2025	08/04/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	GRE-BDP-ZZ-XX-TX-A-02101	ab	ab
2	Confirm Drawing	GRE RED XX XX DR X 01120 - 01132	ab	ab

#	Document Name	Created By	Date	
2	GRE-RED-XX-XX-DR-X-01120_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# C1 & D_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:59:14
2	GRE-RED-XX-XX-DR-X-01121_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# D & E_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:59:17
2	GRE-RED-XX-XX-DR-X-01122_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# E & F_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:59:21
2	GRE-RED-XX-XX-DR-X-01123_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# F & G_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:59:23
2	GRE-RED-XX-XX-DR-X-01124_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# G & H_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:59:24
2	GRE-RED-XX-XX-DR-X-01125_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# H & I_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:59:26
2	GRE-RED-XX-XX-DR-X-01126_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# I & J_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:59:30
2	GRE-RED-XX-XX-DR-X-01127_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# J & K_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:59:33
2	GRE-RED-XX-XX-DR-X-01128_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# K & L_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:59:36
2	GRE-RED-XX-XX-DR-X-01129_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# L & M_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:59:39
2	GRE-RED-XX-XX-DR-X-01130_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# M & N_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:59:43
2	GRE-RED-XX-XX-DR-X-01131_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# N & O_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:59:46
2	GRE-RED-XX-XX-DR-X-01132_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# O & P1_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:59:50

Apply & Control

Pre Installation Checks

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	



Abi Belfield (Willmott Dixon Construction)

23/04/2025 14:04:03

WD countersign of HOLD POINT 1 when complete	



Abi Belfield (Willmott Dixon Construction)

17/04/2025 15:48:42

Confirm Supply Chain proposed installation Spec & drawings comply with the Contract spec & are signed off by Principal Designer/Architect & Structural Engineer	Yes
Confirm installers have relevant competence and approval to install the system	Yes
SCP HOLD POINT 2 - Ensure SCP provide an "onsite installation demonstration" to educate & provide understanding of CW System, thermal capabilities, Glass Spec, Drainage paths. etc.	



Abi Belfield (Willmott Dixon Construction)

23/04/2025 14:04:08

WD countersign of HOLD POINT 2 when complete	



Abi Belfield (Willmott Dixon Construction)

17/04/2025 15:48:48

Check supply chain partner understands that all glass panes require Kitemarking to show type of glass.as per Willmott Dixon Glass Policy	Yes
Glass type as Approved Document N - Glazing Safety	Yes
Check the structural opening, and any intermediate structural bearing points are constructed to the correct dimensions to receive the system	Yes
Check that junctions and interfaces have been completed	Yes
Check all structural framework has been completed ready to receive the curtain walling system	Yes
HOLD POINT 3 - Pre-start checks completed	



Abi Belfield (Willmott Dixon Construction)

23/04/2025 14:04:11

WD countersign of HOLD POINT 3 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

17/04/2025 15:48:53

During Construction	
Check CW Framework has been installed with all correct components	Yes
HOLD POINT 4 - SCP to line, level & ensure CW Framework is plumb & fixed back to supporting structure. Ensure curtain wall frame is fully tightened at all mullion & transom intersections	

[redacted]

Abi Belfield (Willmott Dixon Construction)

23/04/2025 14:04:15

WD countersign of HOLD POINT 4 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

17/04/2025 15:48:59

Prior to fitting Infill panels (Glazing, Louvres, Spandrel panels etc.)	
Check drainage paths are clear and internal channels are sealed correctly at the intersections of mullions and transoms.	Yes
Check that any specified Expansion Joints are in place & correctly formed	Yes
Check that glazing packers and junction isolators have been correctly installed	Yes
Check that any thermal breaks are fitted correctly	Yes
Check that the CW Framework has the specified gap to the Jambs, cills and head frame.	Yes
Check the mullion and transom joints are correctly formed and are tight fitting with no evident gaps for water ingress	Yes

Images



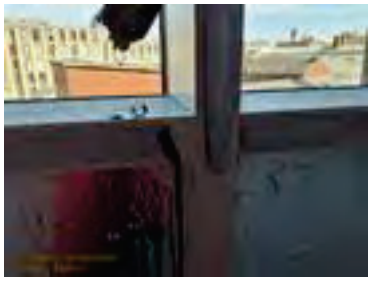
12/04/2025 11:23:33



12/04/2025 11:23:38



12/04/2025 11:23:44

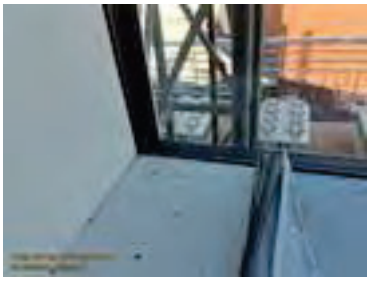




12/04/2025 11:23:49 12/04/2025 11:23:56

Check that all drainage paths and slots are unblocked and correctly functioning	Yes
Check all internal glazing gaskets have been correctly fitted and are not flipped or cut short.	Yes

Images


12/04/2025 11:22:57


12/04/2025 11:23:01


12/04/2025 11:23:06


12/04/2025 11:23:11


12/04/2025 11:23:15


12/04/2025 11:23:23

Check any secondary brackets are fitted correctly to the mullions (i.e. brise soleil etc.)	Yes
Check all EPDM's are fitted and securely fixed to the perimeter of the CW Frame.	Yes
Check any Trickle Vents are installed to the Frame (if required)	Yes
HOLD POINT 5 - The checks indicated above completed	

[redacted]

Abi Belfield (Willmott Dixon Construction)

26/04/2025 10:42:10

WD countersign of HOLD POINT 5 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

17/04/2025 15:49:07

Fitting Internal Glazing, Louvres and Spandrel Panels	
Ensure Glazing labels are checked for conformity with the Glazing Specification	Yes
Check the glass is fitted to the specified thickness and installed with correct the face out i.e. solar glass	Yes
Check the colour consistency of tinted or solar glass	Yes
Impact glass for edge damage, cracks and shells	Yes
Check to ensure the infill panels i.e. DGU's, Spandrel panels etc. are fitted the correct way round i.e. external face is fitted to the outside of the Building Fabric.	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.462	small bits of damage level 3 to insulation to be taped	12/04/2025 11:24:44	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



12/04/2025 11:24:44



12/04/2025 11:24:44

Images



12/04/2025 11:24:09

Check the Pressure Plates are correctly fixed to both transoms and mullions, and ensure the correct torque pressure is applied. Check gaskets are not "flipped" after Pressure Plates are fixed.	Yes

Images



26/04/2025 10:41:02



26/04/2025 10:41:02



26/04/2025 10:41:03



26/04/2025 10:41:03



26/04/2025 10:41:03



26/04/2025 10:41:03



26/04/2025 10:41:04



26/04/2025 10:41:04



26/04/2025 10:41:04



26/04/2025 10:41:04


26/04/2025 10:41:05


26/04/2025 10:41:05

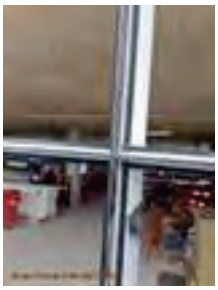

26/04/2025 10:41:05


26/04/2025 10:41:05


26/04/2025 10:41:06

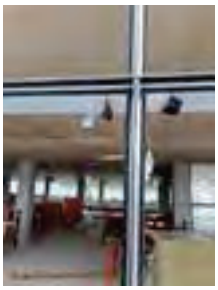

26/04/2025 10:41:06


26/04/2025 10:41:06


26/04/2025 10:41:06


26/04/2025 10:41:06


26/04/2025 10:41:07


26/04/2025 10:41:07


26/04/2025 10:41:07


26/04/2025 10:41:07


26/04/2025 10:41:08







26/04/2025 10:41:08



26/04/2025 10:41:08



26/04/2025 10:41:08



26/04/2025 10:41:09



26/04/2025 10:41:09



26/04/2025 10:41:09



26/04/2025 10:41:09



26/04/2025 10:41:09



26/04/2025 10:41:10



26/04/2025 10:41:10

26/04/2025 10:41:10

26/04/2025 10:41:10

26/04/2025 10:41:11



26/04/2025 10:41:11



26/04/2025 10:41:11



26/04/2025 10:41:11



26/04/2025 10:41:11



26/04/2025 10:41:12




26/04/2025 10:41:12


26/04/2025 10:41:12


26/04/2025 10:41:12


26/04/2025 10:41:12

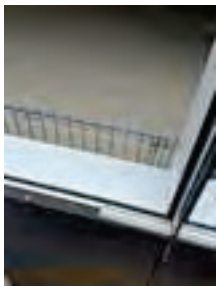

26/04/2025 10:41:13

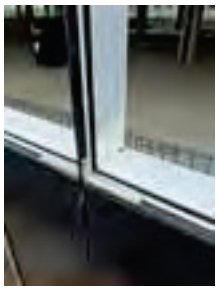

26/04/2025 10:41:13


26/04/2025 10:41:13

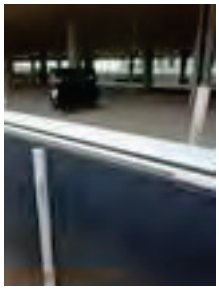

26/04/2025 10:41:13

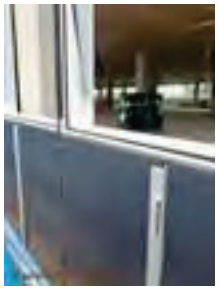

26/04/2025 10:41:13


26/04/2025 10:41:14

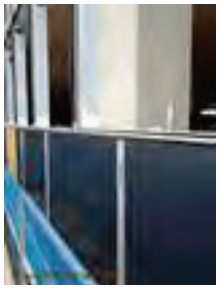

26/04/2025 10:41:14


26/04/2025 10:41:14


26/04/2025 10:41:14


26/04/2025 10:41:15

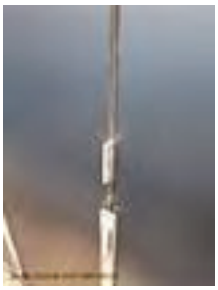

26/04/2025 10:41:15



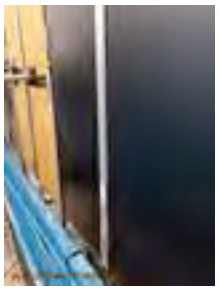




26/04/2025 10:41:15



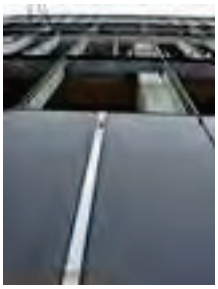
26/04/2025 10:41:15



26/04/2025 10:41:15



26/04/2025 10:41:16



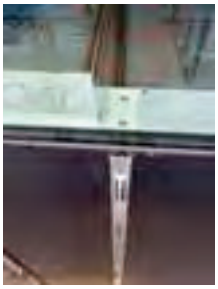
26/04/2025 10:41:16



26/04/2025 10:41:16



26/04/2025 10:41:16



26/04/2025 10:41:17



26/04/2025 10:41:17

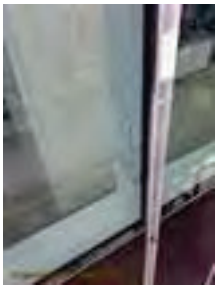


26/04/2025 10:41:17

26/04/2025 10:41:17

26/04/2025 10:41:17

26/04/2025 10:41:18



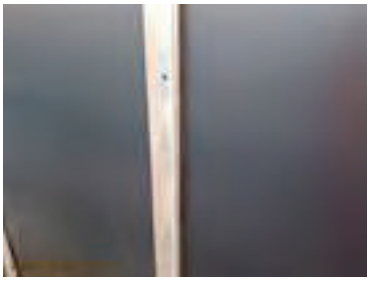
26/04/2025 10:41:18



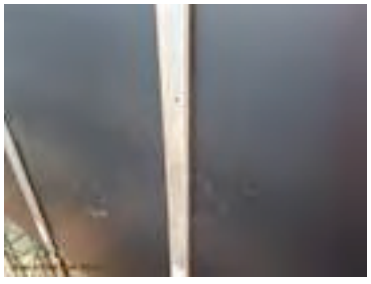
26/04/2025 10:41:18



26/04/2025 10:41:18



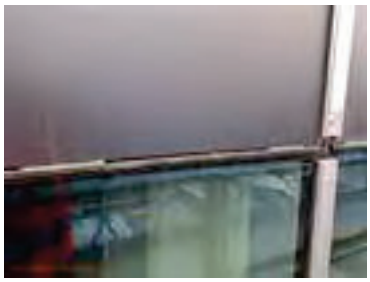
26/04/2025 10:41:19



26/04/2025 10:41:19




26/04/2025 10:41:19


26/04/2025 10:41:19


26/04/2025 10:41:19


26/04/2025 10:41:20


26/04/2025 10:41:20

Check to ensure any "pressure equalisation" holes are fitted to Pressure Plates.	Yes
Check all sills and drips have been installed as per drawings.	Yes
Check to ensure all EPDM/DPC'S remain intact.	Yes
Check Silicone seals are continuous and are pleasing to the eye.	Yes
Where windows and actuators occur within the system ensure that the system is correctly installed and operating effectively. All opening lights to close tight onto gaskets.	Yes
Finally check that the Pressure Plate Caps are correctly mitred and securely fitted to the Pressure Plates. Ensure all Cills and pressed metal items are securely fitted.	Yes
HOLD POINT 6 - The checks indicated above completed	

[redacted]

Abi Belfield (Willmott Dixon Construction)

08/07/2025 10:36:57

WD countersign of HOLD POINT 6 when complete	

[redacted]

Anthony Bowen (RED Systems Ltd)

08/07/2025 10:37:02

Post Installation Checks	
Check holes or cuts carried out on site are clean, burr and swarf free so the area can be treated to prevent future corrosion of the material	Yes
Check that all specified testing to the CW has been carried out and is acceptable to all parties including the designer	Yes
Check Doors/Windows operate smoothly in the system and ironmongery is fitted correctly	N/A
Ensure all ironmongery works correctly and closes openings snugly	N/A
Ensure any necessary manifestation or specified film is applied to the glass. NB DGU are designed to accommodate film.	N/A
Check specified mastic sealants have been used with the correct thickness in a continuous bead of mastic	Yes

Bespoke Items - Additional Hold Points/Additional Checks		
#	**Additional Hold Point**	**Additional check**

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed S/C	
All Evidence available & actions closed	
Date Closed	08/07/2025
Approval to pay	

QD Checklist-P1-Curtain Walling

hoist infill mast location curtain Wall and cavity barriers. see bespoke items for each floor of fire stopping gl h -i

Form Reference	F372761.66
Owned By	Abi Belfield (Willmott Dixon Construction)
Date	16/09/2025 14:04:04
Status	Started
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Mast 3>North Elevation>Curtain Wall - REDs>Facades>QUALITY DELIVERY

Form Location	Mast 3
Supply Chain	RED Systems Ltd
Area of Works/Location	hoist infill mast location curtain Wall and cavity barriers. see bespoke items for each floor of fire stopping gl h -i

General

#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	Windows & Curtain Walling	16/09/2025	16/09/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	gre bdp zz xx tx a 02101	ab	ab
2	Confirm Drawing	gre red xx xx Dr x 01130-	ab	ab

Images

#2



16/09/2025 14:12:38

Apply & Control

Pre Installation Checks

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	

[redacted]

Anthony Bowen (RED Systems Ltd)

24/09/2025 11:58:12

WD countersign of HOLD POINT 1 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:05:29

Confirm Supply Chain proposed installation Spec & drawings comply with the Contract spec & are signed off by Principal Designer/Architect & Structural Engineer	Yes
Confirm installers have relevant competence and approval to install the system	Yes

SCP HOLD POINT 2 - Ensure SCP provide an "onsite installation demonstration" to educate & provide understanding of CW System, thermal capabilities, Glass Spec, Drainage paths. etc.	

[redacted]

Anthony Bowen (RED Systems Ltd)

24/09/2025 11:58:22

WD countersign of HOLD POINT 2 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:05:26

Check supply chain partner understands that all glass panes require Kitemarking to show type of glass.as per Willmott Dixon Glass Policy	Yes
Glass type as Approved Document N - Glazing Safety	Yes
Check the structural opening, and any intermediate structural bearing points are constructed to the correct dimensions to receive the system	Yes

Comments	Created By	Date
halphen channels cast into concrete frame	Abi Belfield (Willmott Dixon Construction)	24/09/2025 12:07:37

Check that junctions and interfaces have been completed	Yes
Check all structural framework has been completed ready to receive the curtain walling system	Yes
HOLD POINT 3 - Pre-start checks completed	

[redacted]

Anthony Bowen (RED Systems Ltd)

24/09/2025 11:58:37

WD countersign of HOLD POINT 3 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:05:21

During Construction	
Check CW Framework has been installed with all correct components	Yes

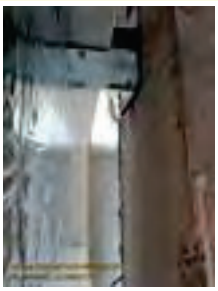
Images



24/09/2025 12:05:44



24/09/2025 12:05:49



24/09/2025 12:08:25


24/09/2025 12:08:38


24/09/2025 12:09:51


24/09/2025 16:34:57

HOLD POINT 4 - SCP to line, level & ensure CW Framework is plumb & fixed back to supporting structure. Ensure curtain wall frame is fully tightened at all mullion & transom intersections	

[redacted]

Anthony Bowen (RED Systems Ltd)

24/09/2025 11:58:46

WD countersign of HOLD POINT 4 when complete	

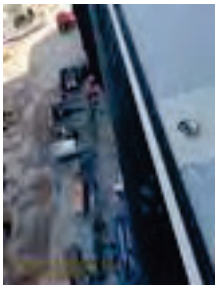
[redacted]

Abi Belfield (Willmott Dixon Construction)

16/09/2025 14:12:53

Prior to fitting Infill panels (Glazing, Louvres, Spandrel panels etc.)	
Check drainage paths are clear and internal channels are sealed correctly at the intersections of mullions and transoms.	Yes

Images


24/09/2025 12:08:50


24/09/2025 12:08:55


24/09/2025 12:09:07


24/09/2025 12:09:19

Check that any specified Expansion Joints are in place & correctly formed	Yes
Check that glazing packers and junction isolators have been correctly installed	Yes

Images



24/09/2025 12:09:29

Check that any thermal breaks are fitted correctly	Yes
Check that the CW Framework has the specified gap to the Jambs, cills and head frame.	Yes
Check the mullion and transom joints are correctly formed and are tight fitting with no evident gaps for water ingress	Yes

Images



24/09/2025 11:59:45



24/09/2025 11:59:52

Check that all drainage paths and slots are unblocked and correctly functioning	Yes
Check all internal glazing gaskets have been correctly fitted and are not flipped or cut short.	Yes

Images



24/09/2025 12:05:14



24/09/2025 12:05:19



24/09/2025 12:05:25

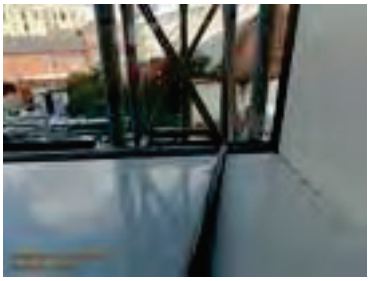


24/09/2025 12:05:30

Check any secondary brackets are fitted correctly to the mullions (i.e. brise soleil etc.)	Yes
Check all EPDM's are fitted and securely fixed to the perimeter of the CW Frame.	Yes
Check any Trickle Vents are installed to the Frame (if required)	Yes
HOLD POINT 5 - The checks indicated above completed	
WD countersign of HOLD POINT 5 when complete	

Fitting Internal Glazing, Louvres and Spandrel Panels	
Ensure Glazing labels are checked for conformity with the Glazing Specification	Yes

Images



24/09/2025 12:00:09

Check the glass is fitted to the specified thickness and installed with correct the face out i.e. solar glass	Yes
Check the colour consistency of tinted or solar glass	N/A
Impact glass for edge damage, cracks and shells	Yes

Images



24/09/2025 12:06:13



24/09/2025 12:06:20



24/09/2025 12:06:25



24/09/2025 12:06:32

Check to ensure the infill panels i.e. DGU's, Spandrel panels etc. are fitted the correct way round i.e. external face is fitted to the outside of the Building Fabric.	Yes

Images



24/09/2025 12:05:58



24/09/2025 12:06:03

Check the Pressure Plates are correctly fixed to both transoms and mullions, and ensure the correct torque pressure is applied. Check gaskets are not "flipped" after Pressure Plates are fixed.	Yes
Check to ensure any "pressure equalisation" holes are fitted to Pressure Plates.	Yes
Check all sills and drips have been installed as per drawings.	
Check to ensure all EPDM/DPC'S remain intact.	

Check Silicone seals are continuous and are pleasing to the eye.	
Where windows and actuators occur within the system ensure that the system is correctly installed and operating effectively. All opening lights to close tight onto gaskets.	
Finally check that the Pressure Plate Caps are correctly mitred and securely fitted to the Pressure Plates. Ensure all Cills and pressed metal items are securely fitted.	
HOLD POINT 6 - The checks indicated above completed	
WD countersign of HOLD POINT 6 when complete	

Post Installation Checks

Check holes or cuts carried out on site are clean, burr and swarf free so the area can be treated to prevent future corrosion of the material	
Check that all specified testing to the CW has been carried out and is acceptable to all parties including the designer	
Check Doors/Windows operate smoothly in the system and ironmongery is fitted correctly	
Ensure all ironmongery works correctly and closes openings snugly	
Ensure any necessary manifestation or specified film is applied to the glass. NB DGU are designed to accommodate film.	
Check specified mastic sealants have been used with the correct thickness in a continuous bead of mastic	

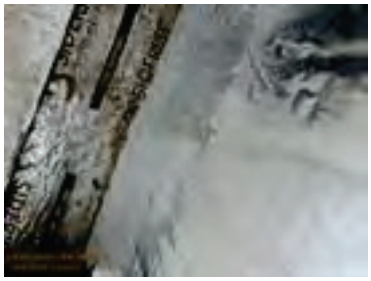
Bespoke Items - Additional Hold Points/Additional Checks

#	Additional Hold Point	Additional check
1	level 3 cavity barrier and acoustic matt	see photos
2	level 4 cavity barrier	see photos
3	level 5 cavity barrier	see photos
4		

#	Reference	Description	Date	Status	Issued To Package	Issued To Organisation
1	T372761.235	mastic to acoustic mwt	24/09/2025 12:10:58	Signed Off	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images

#1



24/09/2025 12:04:26



24/09/2025 12:04:30



24/09/2025 12:04:51

Complete for Quality

#	Check Item	S/C Initial	WD Initial	Type of Evidence
1	Works adequately protected			
2	Work area cleaned			

Closure

All Evidence available & actions closed S/C	
All Evidence available & actions closed	
Date Closed	06/05/2026
Approval to pay	

QD Checklist-P1-Curtain Walling

mast 4 north

Form Reference	F460259.59
Owned By	Chris Ward (RED Systems Ltd)
Date	04/02/2025 10:53:29
Status	Started
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Mast 4 GL G-B>North Elevation>Curtain Wall - REDs>Facades>QUALITY DELIVERY

Form Location	Mast 4 GL G-B
Supply Chain	RED Systems Ltd
Area of Works/Location	mast 4 north

General

#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	Windows & Curtain Walling	04/02/2025	04/02/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	GRE-BDP-ZZ-XX-TX-A-02101	AB	AB
2	Confirm Drawing	GRE RED XX XX DR X 01120 - 01132	AB	AB

#	Document Name	Created By	Date	
2	GRE-RED-XX-XX-DR-X-01120_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# C1 & D_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/02/2025 12:34:16
2	GRE-RED-XX-XX-DR-X-01121_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# D & E_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/02/2025 12:34:20
2	GRE-RED-XX-XX-DR-X-01122_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# E & F_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/02/2025 12:34:23
2	GRE-RED-XX-XX-DR-X-01123_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# F & G_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/02/2025 12:34:26
2	GRE-RED-XX-XX-DR-X-01124_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# G & H_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/02/2025 12:34:29
2	GRE-RED-XX-XX-DR-X-01125_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# H & I_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/02/2025 12:34:33
2	GRE-RED-XX-XX-DR-X-01126_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# I & J_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/02/2025 12:34:36
2	GRE-RED-XX-XX-DR-X-01127_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# J & K_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/02/2025 12:34:39
2	GRE-RED-XX-XX-DR-X-01128_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# K & L_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/02/2025 12:34:42
2	GRE-RED-XX-XX-DR-X-01129_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# L & M_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/02/2025 12:34:45
2	GRE-RED-XX-XX-DR-X-01130_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# M & N_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/02/2025 12:34:48
2	GRE-RED-XX-XX-DR-X-01131_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# N & O_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/02/2025 12:34:51
2	GRE-RED-XX-XX-DR-X-01132_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# O & P1_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	14/02/2025 12:34:55

Apply & Control

Pre Installation Checks

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	



Chris Ward (RED Systems Ltd)

04/02/2025 10:53:58

WD countersign of HOLD POINT 1 when complete	



Abi Belfield (Willmott Dixon Construction)

12/03/2025 14:11:57

Confirm Supply Chain proposed installation Spec & drawings comply with the Contract spec & are signed off by Principal Designer/Architect & Structural Engineer	Yes
Confirm installers have relevant competence and approval to install the system	Yes
SCP HOLD POINT 2 - Ensure SCP provide an "onsite installation demonstration" to educate & provide understanding of CW System, thermal capabilities, Glass Spec, Drainage paths. etc.	



Chris Ward (RED Systems Ltd)

04/02/2025 10:54:06

WD countersign of HOLD POINT 2 when complete	



Abi Belfield (Willmott Dixon Construction)

12/03/2025 14:12:03

Check supply chain partner understands that all glass panes require Kitemarking to show type of glass.as per Willmott Dixon Glass Policy	Yes
Glass type as Approved Document N - Glazing Safety	Yes
Check the structural opening, and any intermediate structural bearing points are constructed to the correct dimensions to receive the system	Yes
Check that junctions and interfaces have been completed	Yes
Check all structural framework has been completed ready to receive the curtain walling system	Yes
HOLD POINT 3 - Pre-start checks completed	



Chris Ward (RED Systems Ltd)

04/02/2025 10:54:15

WD countersign of HOLD POINT 3 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

12/03/2025 14:12:07

During Construction	
Check CW Framework has been installed with all correct components	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.438	misaligned bolt nut	12/03/2025 14:15:10	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

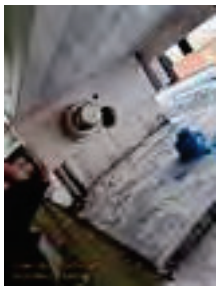
Images



12/03/2025 14:15:10

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.439	redundant hole - confirm this is compliant	12/03/2025 14:15:56	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



12/03/2025 14:15:56

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.440	redundant hole - confirm this is compliant /is spacing compliant?	12/03/2025 14:16:47	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



12/03/2025 14:16:47

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.441	wintech - should be okay as only 1 area but check compliant where not sitting straight on concrete (wd noted that mayo concrete snag)	12/03/2025 14:45:06	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



12/03/2025 14:45:06

Images



12/03/2025 14:12:13



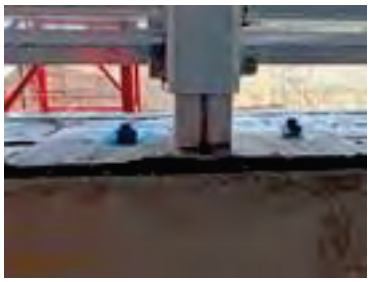
12/03/2025 14:12:20



12/03/2025 14:12:25



12/03/2025 14:12:31



12/03/2025 14:12:38



12/03/2025 14:12:45



12/03/2025 14:12:51



12/04/2025 10:14:23



14/04/2025 12:25:36



14/04/2025 12:25:37



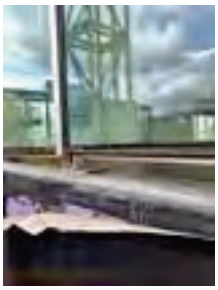
14/04/2025 12:25:37

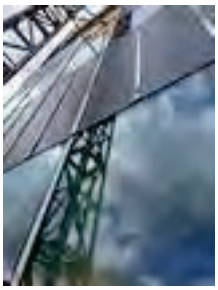


14/04/2025 12:25:37


14/04/2025 12:25:37


14/04/2025 12:25:38


14/04/2025 12:25:38


14/04/2025 12:25:38


14/04/2025 12:25:38


14/04/2025 12:25:39


14/04/2025 12:25:39


14/04/2025 12:25:39


14/04/2025 12:25:39


14/04/2025 12:25:39


14/04/2025 12:25:40


14/04/2025 12:25:40

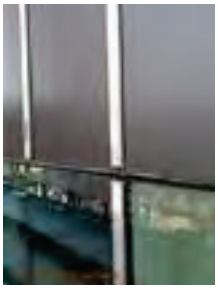

14/04/2025 12:25:40


14/04/2025 12:25:41

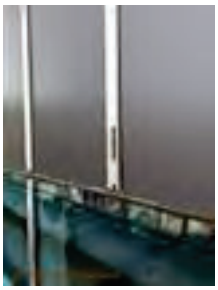

14/04/2025 12:25:41







14/04/2025 12:25:41



14/04/2025 12:25:41



14/04/2025 12:25:42



14/04/2025 12:25:42



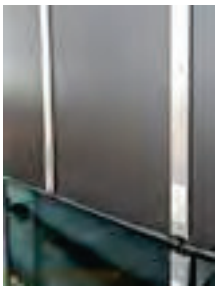
14/04/2025 12:25:42



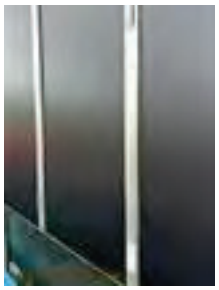
14/04/2025 12:25:42



14/04/2025 12:25:43



14/04/2025 12:25:43



14/04/2025 12:25:43



14/04/2025 12:25:43

14/04/2025 12:25:44

14/04/2025 12:25:44

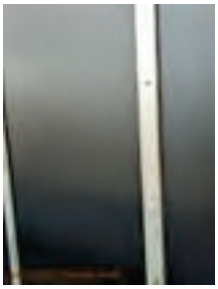
14/04/2025 12:25:44



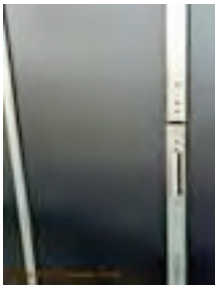
14/04/2025 12:25:44



14/04/2025 12:25:45



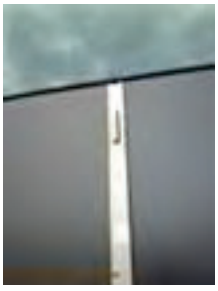
14/04/2025 12:25:45

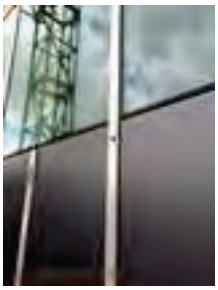


14/04/2025 12:25:45



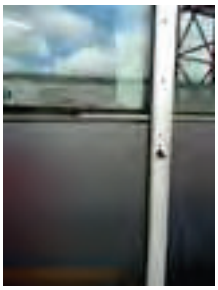
14/04/2025 12:25:45

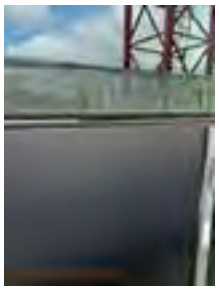



14/04/2025 12:25:45


14/04/2025 12:25:45


14/04/2025 12:25:46


14/04/2025 12:25:46


14/04/2025 12:25:46


14/04/2025 12:25:46


14/04/2025 12:25:47


14/04/2025 12:25:47


14/04/2025 12:25:47


14/04/2025 12:25:47

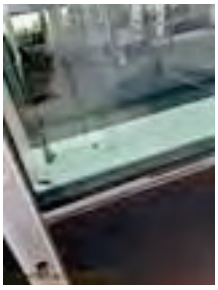

14/04/2025 12:25:47

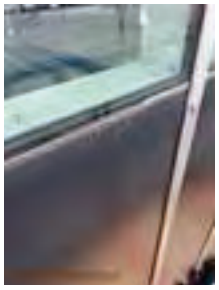

14/04/2025 12:25:48


14/04/2025 12:25:48


14/04/2025 12:25:48


14/04/2025 12:25:48



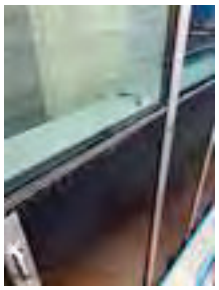




14/04/2025 12:25:49



14/04/2025 12:25:49



14/04/2025 12:25:49



14/04/2025 12:25:49



14/04/2025 12:25:50



14/04/2025 12:25:50



14/04/2025 12:25:50



14/04/2025 12:25:50



14/04/2025 12:25:50

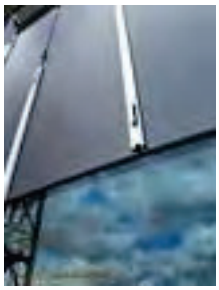


14/04/2025 12:25:51

14/04/2025 12:25:51

14/04/2025 12:25:51

14/04/2025 12:25:51



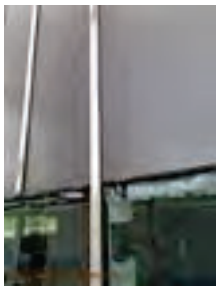
14/04/2025 12:25:52



14/04/2025 12:25:52



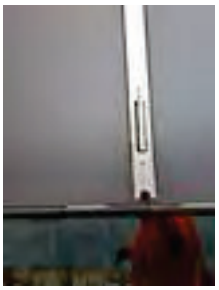
14/04/2025 12:25:52

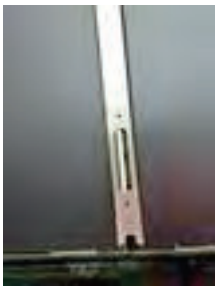


14/04/2025 12:25:52



14/04/2025 12:25:52




14/04/2025 12:25:53


14/04/2025 12:25:53

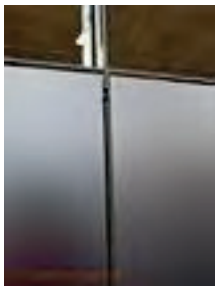

14/04/2025 12:25:53


14/04/2025 12:25:53

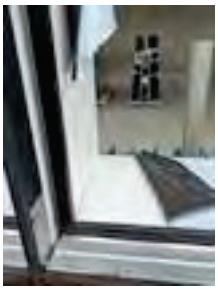

14/04/2025 12:25:54

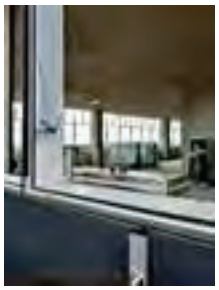

14/04/2025 12:25:54


14/04/2025 12:25:54

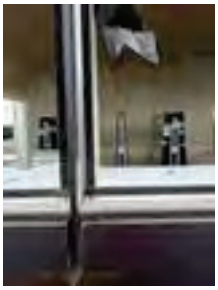

14/04/2025 12:25:54


14/04/2025 12:25:54


14/04/2025 12:25:55

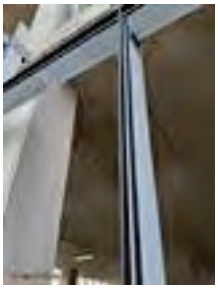

14/04/2025 12:25:55

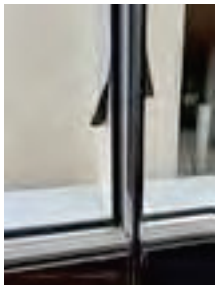

14/04/2025 12:25:55


14/04/2025 12:25:56


14/04/2025 12:25:56

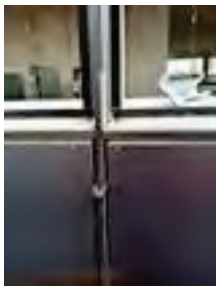

14/04/2025 12:25:56







14/04/2025 12:25:56



14/04/2025 12:25:57



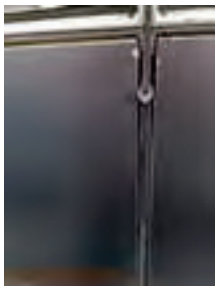
14/04/2025 12:25:57



14/04/2025 12:25:57



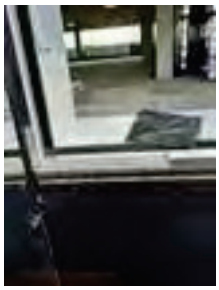
14/04/2025 12:25:57



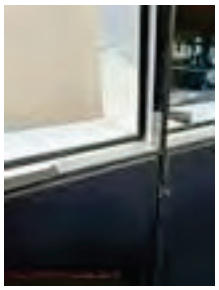
14/04/2025 12:25:57



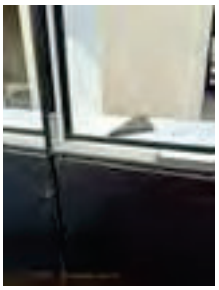
14/04/2025 12:25:58



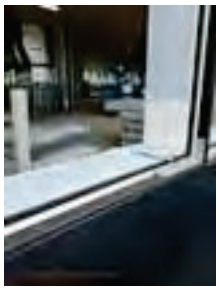
14/04/2025 12:25:58



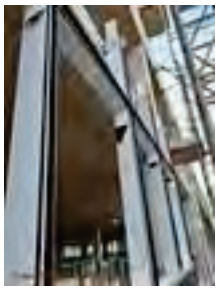
14/04/2025 12:25:58



14/04/2025 12:25:58



14/04/2025 12:25:59



14/04/2025 12:25:59



14/04/2025 12:25:59



14/04/2025 12:25:59



14/04/2025 12:25:59



14/04/2025 12:26:00

16/04/2025 16:17:58

16/04/2025 16:17:58


16/04/2025 16:17:58


16/04/2025 16:17:58


16/04/2025 16:17:58


16/04/2025 16:17:59


16/04/2025 16:18:00


16/04/2025 16:18:00


16/04/2025 16:18:00


16/04/2025 16:18:00


16/04/2025 16:18:01


16/04/2025 16:18:01


16/04/2025 16:18:02


16/04/2025 16:18:02


16/04/2025 16:18:02


16/04/2025 16:18:03


16/04/2025 16:18:03


16/04/2025 16:18:03

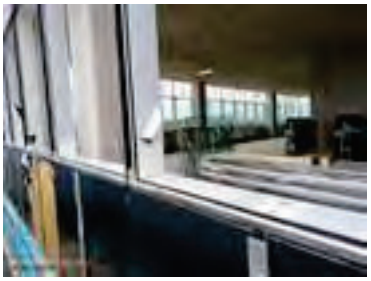

16/04/2025 16:18:03


16/04/2025 16:18:04


16/04/2025 16:18:04


16/04/2025 16:18:05


16/04/2025 16:18:05


16/04/2025 16:18:05


16/04/2025 16:18:05


16/04/2025 16:18:06


16/04/2025 16:18:07


16/04/2025 16:18:07


16/04/2025 16:18:07


16/04/2025 16:18:07


16/04/2025 16:18:08


16/04/2025 16:18:08

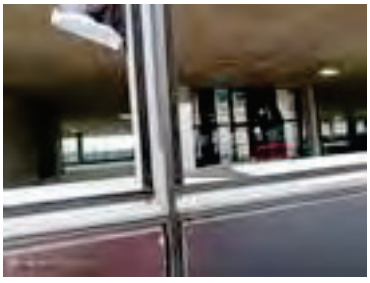

16/04/2025 16:18:09


16/04/2025 16:18:09

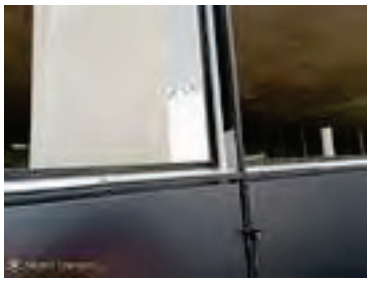

16/04/2025 16:18:09


16/04/2025 16:18:10


16/04/2025 16:18:10


16/04/2025 16:18:11


16/04/2025 16:18:14


16/04/2025 16:18:15


16/04/2025 16:18:15


16/04/2025 16:18:15

HOLD POINT 4 - SCP to line, level & ensure CW Framework is plumb & fixed back to supporting structure. Ensure curtain wall frame is fully tightened at all mullion & transom intersections	

[redacted]

Anthony Bowen (RED Systems Ltd)

17/04/2025 12:28:46

WD countersign of HOLD POINT 4 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

14/04/2025 12:26:22

Prior to fitting Infill panels (Glazing, Louvres, Spandrel panels etc.)	
Check drainage paths are clear and internal channels are sealed correctly at the intersections of mullions and transoms.	Yes

Images

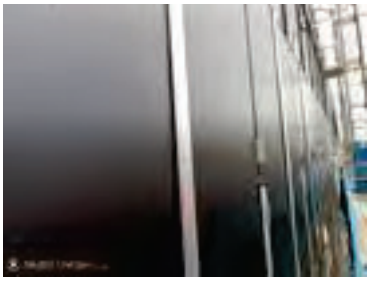

16/04/2025 16:19:18


16/04/2025 16:19:18


16/04/2025 16:19:18


16/04/2025 16:19:20


16/04/2025 16:19:20


16/04/2025 16:19:20


16/04/2025 16:19:20


16/04/2025 16:19:21


16/04/2025 16:19:21


16/04/2025 16:19:21


16/04/2025 16:19:22


16/04/2025 16:19:22


16/04/2025 16:19:22


16/04/2025 16:19:23


16/04/2025 16:19:23


16/04/2025 16:19:23

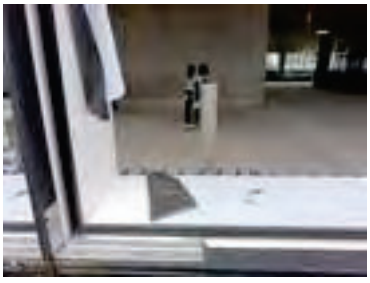

16/04/2025 16:19:23


16/04/2025 16:19:24


16/04/2025 16:19:25


16/04/2025 16:19:25


16/04/2025 16:19:25


16/04/2025 16:19:25


16/04/2025 16:19:25


16/04/2025 16:19:26

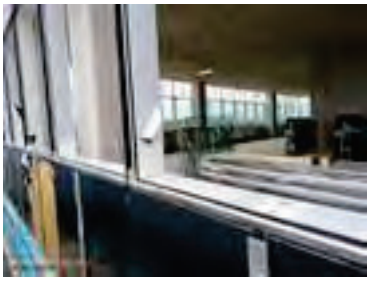

16/04/2025 16:19:27


16/04/2025 16:19:27


16/04/2025 16:19:27


16/04/2025 16:19:27


16/04/2025 16:19:28


16/04/2025 16:19:28


16/04/2025 16:19:29


16/04/2025 16:19:29


16/04/2025 16:19:29


16/04/2025 16:19:29


16/04/2025 16:19:30


16/04/2025 16:19:30


16/04/2025 16:19:30


16/04/2025 16:19:31

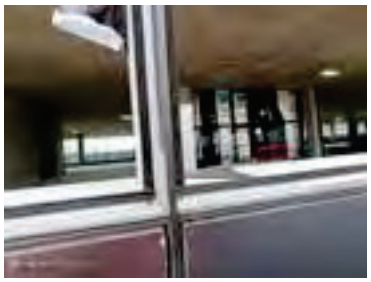

16/04/2025 16:19:31


16/04/2025 16:19:32

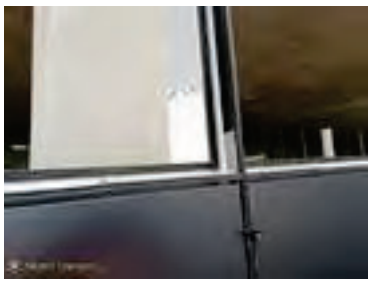

16/04/2025 16:19:32


16/04/2025 16:19:32


16/04/2025 16:19:32


16/04/2025 16:19:33


16/04/2025 16:19:33


16/04/2025 16:19:34


16/04/2025 16:19:34


16/04/2025 16:19:34


16/04/2025 16:19:34

Check that any specified Expansion Joints are in place & correctly formed	Yes
Check that glazing packers and junction isolators have been correctly installed	Yes
Check that any thermal breaks are fitted correctly	Yes
Check that the CW Framework has the specified gap to the Jambs, cills and head frame.	Yes

Images


12/03/2025 14:13:30


12/03/2025 14:13:34


12/03/2025 14:13:39


12/03/2025 14:13:49

Check the mullion and transom joints are correctly formed and are tight fitting with no evident gaps for water ingress	Yes

Images

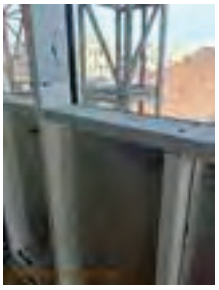

12/03/2025 14:14:02


12/03/2025 14:14:07


12/03/2025 14:14:17


12/04/2025 11:09:01

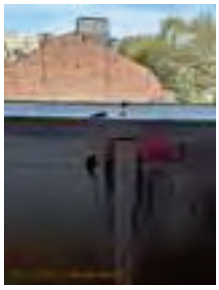

12/04/2025 11:09:02

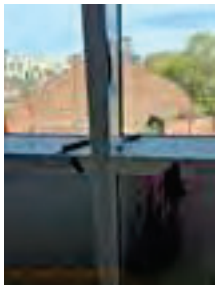

12/04/2025 11:09:02


12/04/2025 11:09:02


12/04/2025 11:09:02


12/04/2025 11:09:03

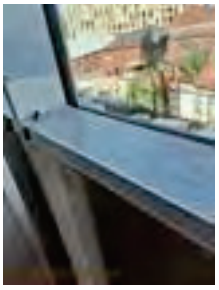

12/04/2025 11:09:03

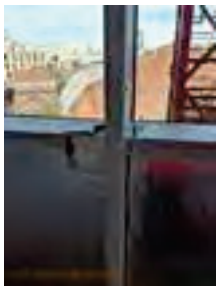

12/04/2025 11:09:03


12/04/2025 11:09:04


12/04/2025 11:09:04


12/04/2025 11:09:04

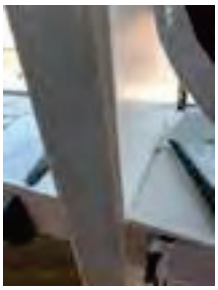

12/04/2025 11:09:04



12/04/2025 11:09:05



12/04/2025 11:09:05



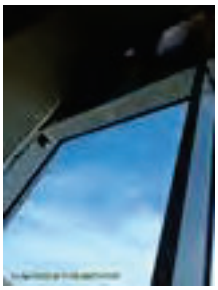
12/04/2025 11:09:05



12/04/2025 11:09:06



12/04/2025 11:09:06



12/04/2025 11:09:06

Check that all drainage paths and slots are unblocked and correctly functioning	Yes
Check all internal glazing gaskets have been correctly fitted and are not flipped or cut short.	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.460	neaten or replace	12/04/2025 11:10:50	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images

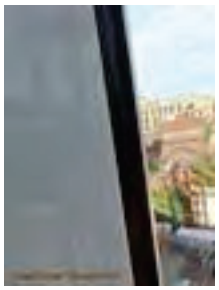


12/04/2025 11:10:50

Images



12/04/2025 11:10:12



12/04/2025 11:10:13



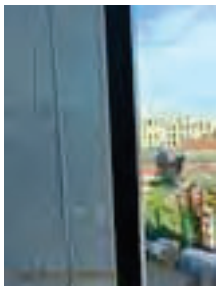
12/04/2025 11:10:13







12/04/2025 11:10:13



12/04/2025 11:10:13



12/04/2025 11:10:14



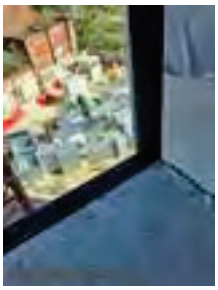
12/04/2025 11:10:14



12/04/2025 11:10:14



12/04/2025 11:10:14



12/04/2025 11:10:14



12/04/2025 11:10:15

12/04/2025 11:10:15

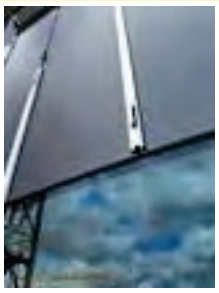
Check any secondary brackets are fitted correctly to the mullions (i.e. brise soleil etc.)	Yes

Images

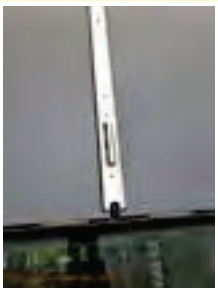
14/04/2025 12:27:12



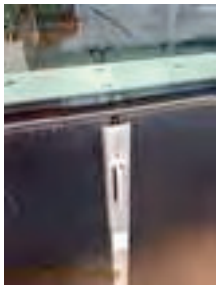
14/04/2025 12:27:12



14/04/2025 12:27:12



14/04/2025 12:27:13



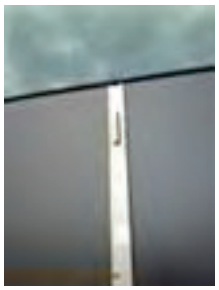
14/04/2025 12:27:13



14/04/2025 12:27:13




14/04/2025 12:27:13

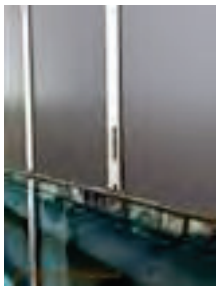

14/04/2025 12:27:14


14/04/2025 12:27:14


14/04/2025 12:27:14


14/04/2025 12:27:14


14/04/2025 12:27:15


14/04/2025 12:27:15


14/04/2025 12:27:15

Check all EPDM's are fitted and securely fixed to the perimeter of the CW Frame.	Yes
Check any Trickle Vents are installed to the Frame (if required)	Yes
HOLD POINT 5 - The checks indicated above completed	

[redacted]

Anthony Bowen (RED Systems Ltd)

17/04/2025 12:28:59

WD countersign of HOLD POINT 5 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

16/04/2025 16:19:46

Fitting Internal Glazing, Louvres and Spandrel Panels	
Ensure Glazing labels are checked for conformity with the Glazing Specification	Yes
Check the glass is fitted to the specified thickness and installed with correct the face out i.e. solar glass	Yes
Check the colour consistency of tinted or solar glass	Yes
Impact glass for edge damage, cracks and shells	Yes
Check to ensure the infill panels i.e. DGU's, Spandrel panels etc. are fitted the correct way round i.e. external face is fitted to the outside of the Building Fabric.	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.461	small bits of damage level 3 to insulation to be taped	12/04/2025 11:11:26	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



12/04/2025 11:11:26



12/04/2025 11:11:26

Images



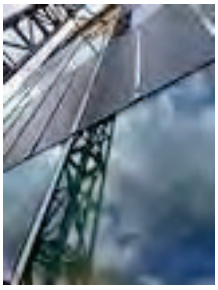
12/04/2025 11:11:06



14/04/2025 12:28:30



14/04/2025 12:28:30



14/04/2025 12:28:30



14/04/2025 12:28:30



14/04/2025 12:28:31



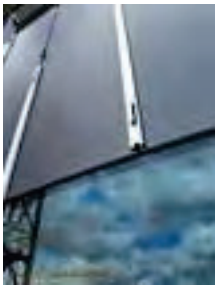
14/04/2025 12:28:31



14/04/2025 12:28:31



14/04/2025 12:28:31



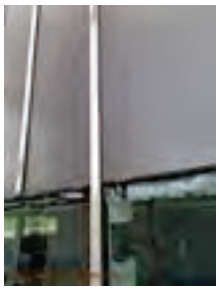
14/04/2025 12:28:31



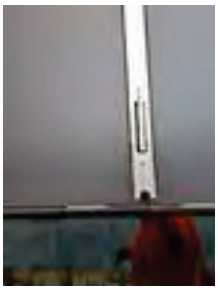
14/04/2025 12:28:32

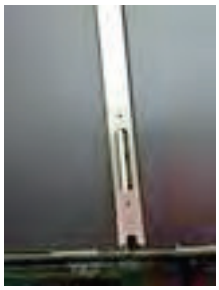


14/04/2025 12:28:32


14/04/2025 12:28:32


14/04/2025 12:28:32


14/04/2025 12:28:33


14/04/2025 12:28:33


14/04/2025 12:28:33

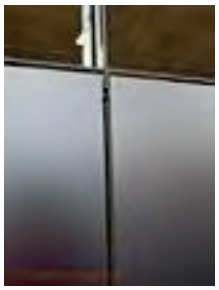

14/04/2025 12:28:33


14/04/2025 12:28:34


14/04/2025 12:28:34


14/04/2025 12:28:34


14/04/2025 12:28:34


14/04/2025 12:28:34

Check the Pressure Plates are correctly fixed to both transoms and mullions, and ensure the correct torque pressure is applied. Check gaskets are not "flipped" after Pressure Plates are fixed.	Yes

Images


16/04/2025 16:20:52


16/04/2025 16:20:53


16/04/2025 16:20:53

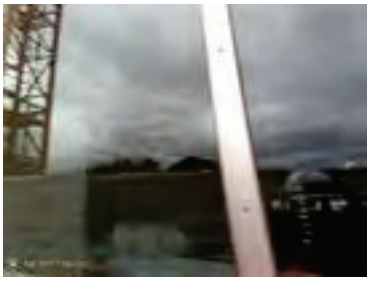

16/04/2025 16:20:53


16/04/2025 16:20:53


16/04/2025 16:20:54

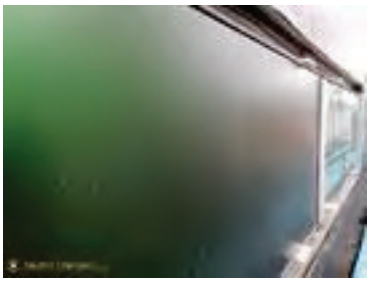

16/04/2025 16:20:54


16/04/2025 16:20:55


16/04/2025 16:20:55


16/04/2025 16:20:55


16/04/2025 16:20:55


16/04/2025 16:20:56


16/04/2025 16:20:56


16/04/2025 16:20:56

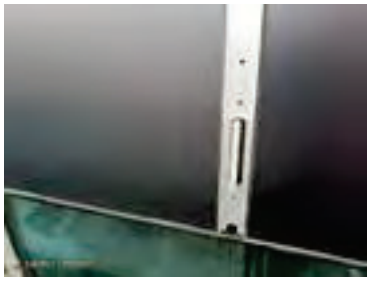

16/04/2025 16:20:57

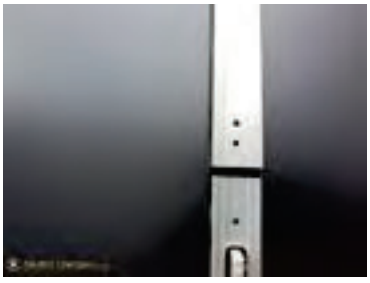

16/04/2025 16:20:57


16/04/2025 16:20:58


16/04/2025 16:20:58


16/04/2025 16:20:58


16/04/2025 16:20:58


16/04/2025 16:20:58

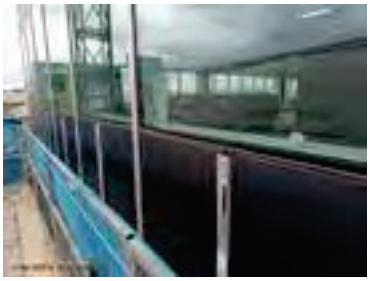

16/04/2025 16:20:59


16/04/2025 16:20:59


16/04/2025 16:21:00


16/04/2025 16:21:00


16/04/2025 16:21:00


16/04/2025 16:21:01

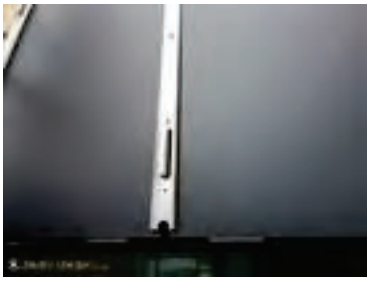

16/04/2025 16:21:01


16/04/2025 16:21:01


16/04/2025 16:21:02

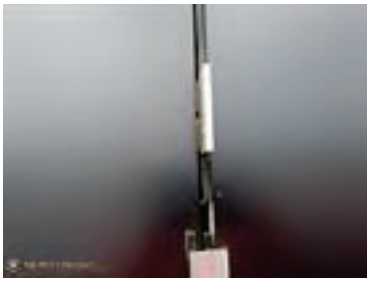

16/04/2025 16:21:02

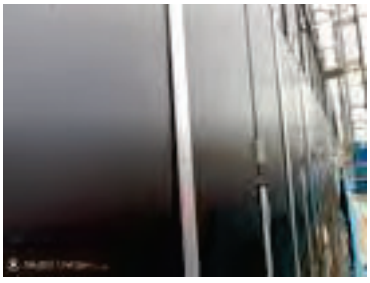

16/04/2025 16:21:02


16/04/2025 16:21:03


16/04/2025 16:21:03

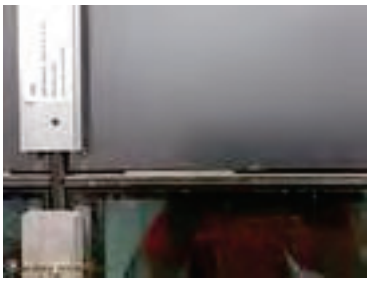

16/04/2025 16:21:03


16/04/2025 16:21:03


16/04/2025 16:21:04

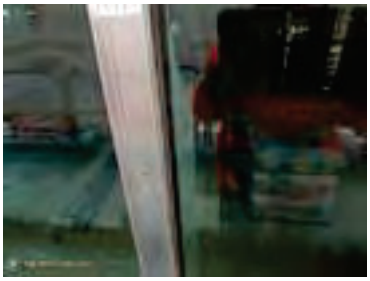

16/04/2025 16:21:04


16/04/2025 16:21:04


16/04/2025 16:21:05


16/04/2025 16:21:05


16/04/2025 16:21:05


16/04/2025 16:21:06


16/04/2025 16:21:06


16/04/2025 16:21:06


16/04/2025 16:21:06


16/04/2025 16:21:06


16/04/2025 16:21:07


16/04/2025 16:21:08

Check to ensure any "pressure equalisation" holes are fitted to Pressure Plates.	
Check all sills and drips have been installed as per drawings.	Yes
Check to ensure all EPDM/DPC'S remain intact.	Yes

Images


09/06/2025 12:17:57


09/06/2025 12:18:02

Check Silicone seals are continuous and are pleasing to the eye.	Yes
Where windows and actuators occur within the system ensure that the system is correctly installed and operating effectively. All opening lights to close tight onto gaskets.	Yes

Finally check that the Pressure Plate Caps are correctly mitred and securely fitted to the Pressure Plates. Ensure all Cills and pressed metal items are securely fitted.	Yes
HOLD POINT 6 - The checks indicated above completed	
WD countersign of HOLD POINT 6 when complete	

Post Installation Checks	
Check holes or cuts carried out on site are clean, burr and swarf free so the area can be treated to prevent future corrosion of the material	
Check that all specified testing to the CW has been carried out and is acceptable to all parties including the designer	
Check Doors/Windows operate smoothly in the system and ironmongery is fitted correctly	
Ensure all ironmongery works correctly and closes openings snugly	
Ensure any necessary manifestation or specified film is applied to the glass. NB DGU are designed to accommodate film.	
Check specified mastic sealants have been used with the correct thickness in a continuous bead of mastic	

Bespoke Items - Additional Hold Points/Additional Checks

#	Additional Hold Point	Additional check

Complete for Quality

#	Check Item	S/C Initial	WD Initial	Type of Evidence
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed S/C	
All Evidence available & actions closed	
Date Closed	
Approval to pay	

WILLMOTT DIXON SINCE 1852

QD Checklist-P1-Curtain Walling

mast 3

Form Reference	F421609.285
Owned By	Anthony Bowen (RED Systems Ltd)
Date	08/04/2025 11:27:37
Status	Started
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Mast 3>North Elevation>Curtain Wall - REDs>Facades>QUALITY DELIVERY

Form Location	Mast 3
Supply Chain	RED Systems Ltd
Area of Works/Location	mast 3

General

#	Work Section	Element	Date Planned	Date Accepted
1	External works	Windows & Curtain Walling	08/04/2025	08/04/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	GRE-BDP-ZZ-XX-TX-A-02101	ab	ab
2	Confirm Drawing	GRE RED XX XX DR X 01120 - 01132	ab	ab

#	Document Name	Created By	Date	
2	GRE-RED-XX-XX-DR-X-01120_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# C1 & D_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:56:54
2	GRE-RED-XX-XX-DR-X-01121_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# D & E_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:56:58
2	GRE-RED-XX-XX-DR-X-01122_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# E & F_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:57:01
2	GRE-RED-XX-XX-DR-X-01123_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# F & G_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:57:05
2	GRE-RED-XX-XX-DR-X-01124_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# G & H_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:57:08
2	GRE-RED-XX-XX-DR-X-01125_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# H & I_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:57:11
2	GRE-RED-XX-XX-DR-X-01126_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# I & J_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:57:14
2	GRE-RED-XX-XX-DR-X-01127_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# J & K_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:57:17
2	GRE-RED-XX-XX-DR-X-01128_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# K & L_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:57:20
2	GRE-RED-XX-XX-DR-X-01129_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# L & M_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:57:23
2	GRE-RED-XX-XX-DR-X-01130_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# M & N_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:57:26
2	GRE-RED-XX-XX-DR-X-01131_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# N & O_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:57:29
2	GRE-RED-XX-XX-DR-X-01132_Curtain Wall Elevation Along Grid Line# 5 Between Grid Lines# O & P1_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	23/04/2025 13:57:32

Apply & Control

Pre Installation Checks

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	



Chris Ward (RED Systems Ltd)

17/04/2025 15:46:06

WD countersign of HOLD POINT 1 when complete	



Abi Belfield (Willmott Dixon Construction)

14/04/2025 12:32:07

Confirm Supply Chain proposed installation Spec & drawings comply with the Contract spec & are signed off by Principal Designer/Architect & Structural Engineer	Yes
Confirm installers have relevant competence and approval to install the system	
SCP HOLD POINT 2 - Ensure SCP provide an "onsite installation demonstration" to educate & provide understanding of CW System, thermal capabilities, Glass Spec, Drainage paths. etc.	



Chris Ward (RED Systems Ltd)

17/04/2025 15:46:18

WD countersign of HOLD POINT 2 when complete	



Abi Belfield (Willmott Dixon Construction)

14/04/2025 12:32:02

Check supply chain partner understands that all glass panes require Kitemarking to show type of glass.as per Willmott Dixon Glass Policy	Yes
Glass type as Approved Document N - Glazing Safety	Yes
Check the structural opening, and any intermediate structural bearing points are constructed to the correct dimensions to receive the system	Yes
Check that junctions and interfaces have been completed	Yes
Check all structural framework has been completed ready to receive the curtain walling system	Yes
HOLD POINT 3 - Pre-start checks completed	



Chris Ward (RED Systems Ltd)

17/04/2025 15:46:30

WD countersign of HOLD POINT 3 when complete	

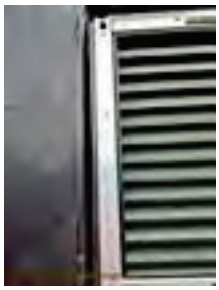
[redacted]

Abi Belfield (Willmott Dixon Construction)

14/04/2025 12:31:55

During Construction	
Check CW Framework has been installed with all correct components	Yes

Images



14/04/2025 12:23:22



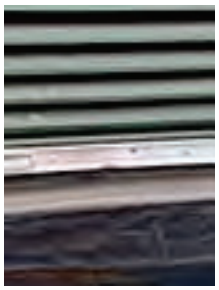
14/04/2025 12:23:22



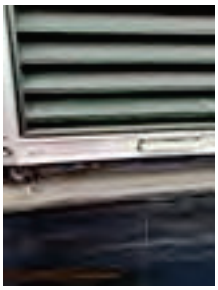
14/04/2025 12:23:23



14/04/2025 12:23:23



14/04/2025 12:23:23



14/04/2025 12:23:23



14/04/2025 12:23:24



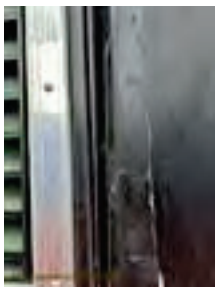
14/04/2025 12:23:24



14/04/2025 12:23:24



14/04/2025 12:23:24



14/04/2025 12:23:25



14/04/2025 12:23:25



14/04/2025 12:23:25



14/04/2025 12:23:26



14/04/2025 12:23:26



14/04/2025 12:23:26



14/04/2025 12:23:26



14/04/2025 12:23:27



14/04/2025 12:23:27



14/04/2025 12:23:27



14/04/2025 12:23:27



14/04/2025 12:23:27



14/04/2025 12:23:28



14/04/2025 12:23:28



14/04/2025 12:23:28



14/04/2025 12:23:29



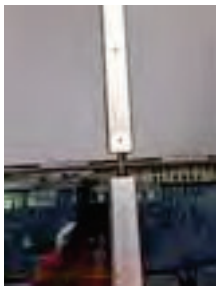
14/04/2025 12:23:29







14/04/2025 12:23:29



14/04/2025 12:23:29



14/04/2025 12:23:30



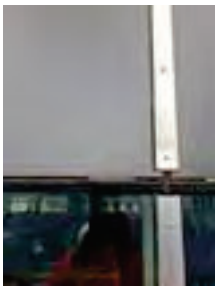
14/04/2025 12:23:30



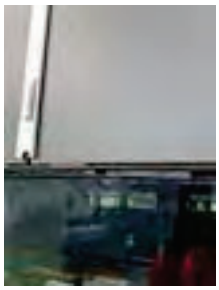
14/04/2025 12:23:30



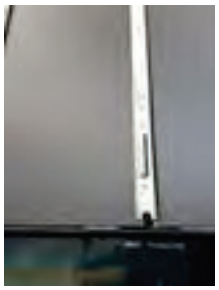
14/04/2025 12:23:30



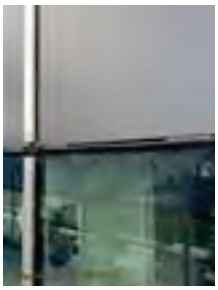
14/04/2025 12:23:31



14/04/2025 12:23:31



14/04/2025 12:23:31



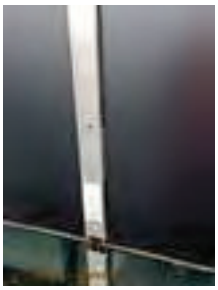
14/04/2025 12:23:31



14/04/2025 12:23:31



14/04/2025 12:23:32



14/04/2025 12:23:32



14/04/2025 12:23:32



14/04/2025 12:23:32



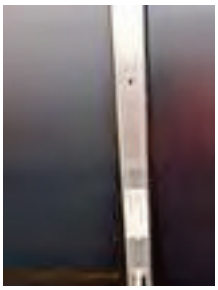
14/04/2025 12:23:32

14/04/2025 12:23:33

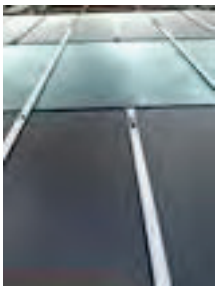


14/04/2025 12:23:33

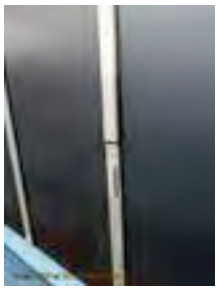



14/04/2025 12:23:33

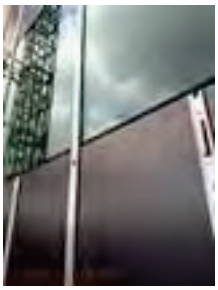

14/04/2025 12:23:33

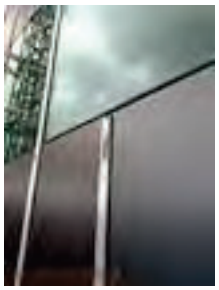

14/04/2025 12:23:34


14/04/2025 12:23:34


14/04/2025 12:23:34


14/04/2025 12:23:34


14/04/2025 12:23:34


14/04/2025 12:23:35


14/04/2025 12:23:35

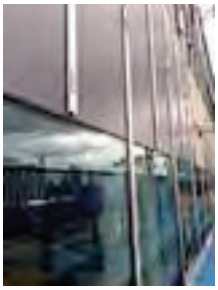

14/04/2025 12:23:35


14/04/2025 12:23:35


14/04/2025 12:23:36


14/04/2025 12:23:36


14/04/2025 12:23:36


14/04/2025 12:23:36







14/04/2025 12:23:36



14/04/2025 12:23:37



14/04/2025 12:23:37



14/04/2025 12:23:37



14/04/2025 12:23:37



14/04/2025 12:23:38



14/04/2025 12:23:38



14/04/2025 12:23:38



14/04/2025 12:23:38



14/04/2025 12:23:38

14/04/2025 12:23:39

14/04/2025 12:23:39

14/04/2025 12:23:39



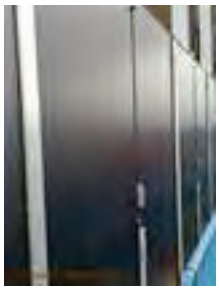
14/04/2025 12:23:39



14/04/2025 12:23:39



14/04/2025 12:23:40



14/04/2025 12:23:40



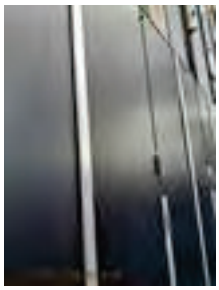
14/04/2025 12:23:40




14/04/2025 12:23:40

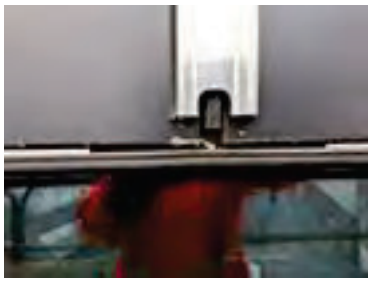

14/04/2025 12:23:41


14/04/2025 12:23:41


14/04/2025 12:23:41


14/04/2025 12:23:41


14/04/2025 12:23:41


14/04/2025 12:23:42


14/04/2025 12:23:42


14/04/2025 12:23:42


14/04/2025 12:23:42


14/04/2025 12:23:43

HOLD POINT 4 - SCP to line, level & ensure CW Framework is plumb & fixed back to supporting structure. Ensure curtain wall frame is fully tightened at all mullion & transom intersections	

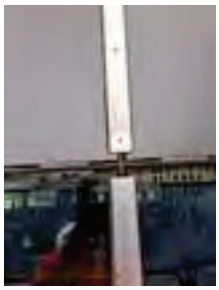
[redacted]
Chris Ward (RED Systems Ltd)
17/04/2025 15:46:43

WD countersign of HOLD POINT 4 when complete	

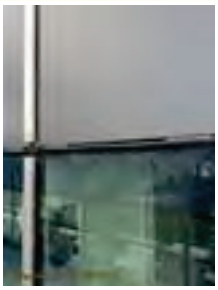
[redacted]
Abi Belfield (Willmott Dixon Construction)
14/04/2025 12:31:50

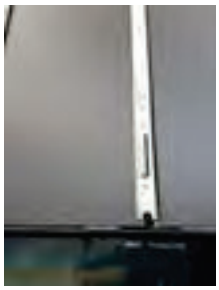
Prior to fitting Infill panels (Glazing, Louvres, Spandrel panels etc.)	
Check drainage paths are clear and internal channels are sealed correctly at the intersections of mullions and transoms.	Yes

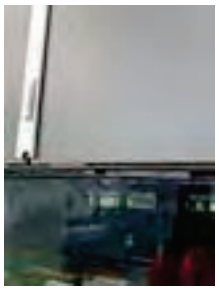
Images

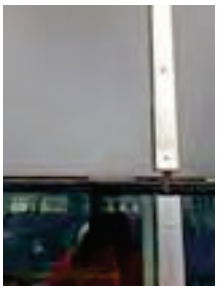

14/04/2025 12:29:23

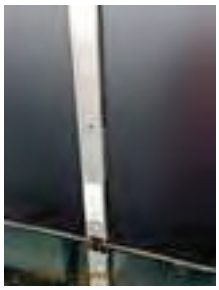

14/04/2025 12:29:23


14/04/2025 12:29:24


14/04/2025 12:29:24


14/04/2025 12:29:24


14/04/2025 12:29:24


14/04/2025 12:29:25


14/04/2025 12:29:25


14/04/2025 12:29:25


14/04/2025 12:29:25


14/04/2025 12:29:25


14/04/2025 12:29:26


14/04/2025 12:29:26


14/04/2025 12:29:26

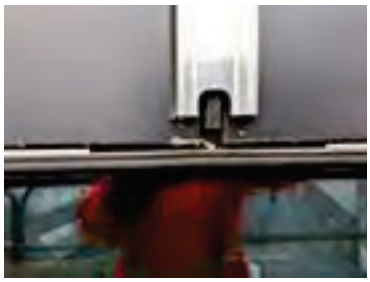

14/04/2025 12:29:26

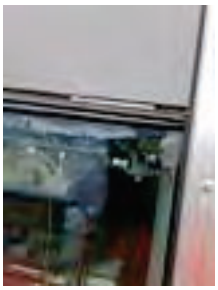

14/04/2025 12:29:27


14/04/2025 12:29:27


14/04/2025 12:29:27


14/04/2025 12:29:27


14/04/2025 12:29:27


14/04/2025 12:29:28

Check that any specified Expansion Joints are in place & correctly formed	Yes
Check that glazing packers and junction isolators have been correctly installed	Yes

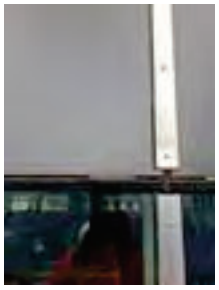
Images

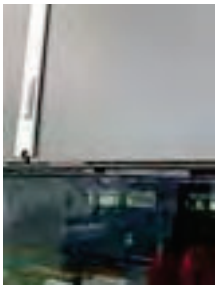

14/04/2025 12:29:58

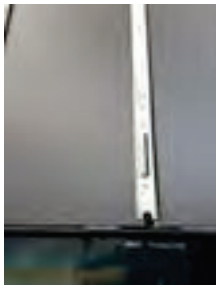

14/04/2025 12:29:58

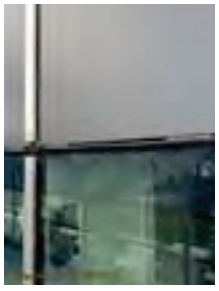

14/04/2025 12:29:59


14/04/2025 12:29:59


14/04/2025 12:29:59


14/04/2025 12:29:59


14/04/2025 12:29:59


14/04/2025 12:30:00


14/04/2025 12:30:00


14/04/2025 12:30:00


14/04/2025 12:30:01


14/04/2025 12:30:01

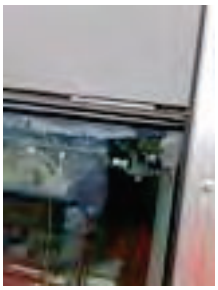

14/04/2025 12:30:01

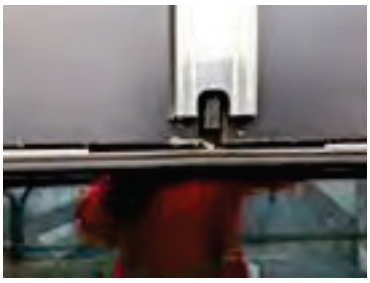

14/04/2025 12:30:01


14/04/2025 12:30:01


14/04/2025 12:30:02


14/04/2025 12:30:02

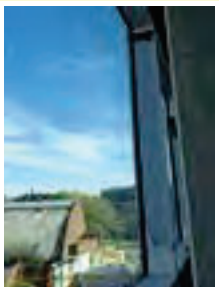

14/04/2025 12:30:02


14/04/2025 12:30:02

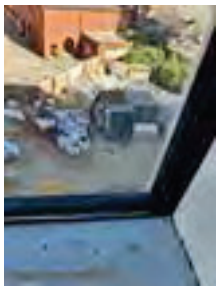
Check that any thermal breaks are fitted correctly	Yes
Check that the CW Framework has the specified gap to the Jambs, cills and head frame.	Yes
Check the mullion and transom joints are correctly formed and are tight fitting with no evident gaps for water ingress	Yes

Images

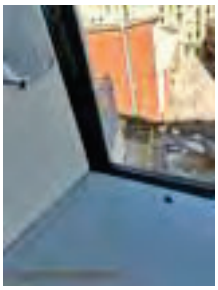

12/04/2025 11:19:31


12/04/2025 11:19:32


12/04/2025 11:19:32


12/04/2025 11:19:32

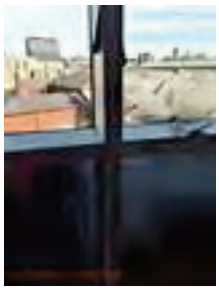

12/04/2025 11:19:32

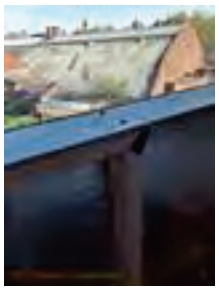

12/04/2025 11:19:33

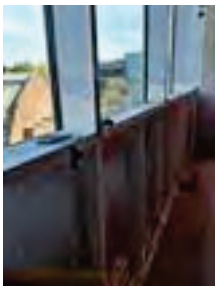

12/04/2025 11:19:33


12/04/2025 11:19:33


12/04/2025 11:19:34


12/04/2025 11:19:34

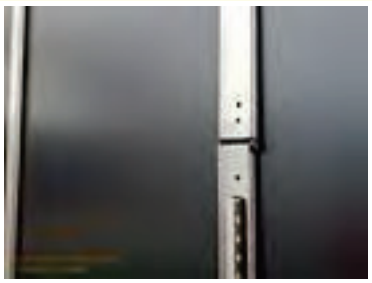

12/04/2025 11:19:34


12/04/2025 11:19:34

Check that all drainage paths and slots are unblocked and correctly functioning	Yes
Check all internal glazing gaskets have been correctly fitted and are not flipped or cut short.	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.465	overlap of seal	14/04/2025 12:22:28	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images

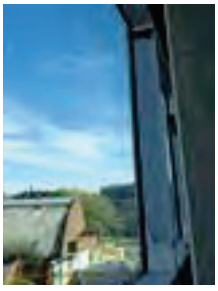

14/04/2025 12:22:28


14/04/2025 12:22:28

Images



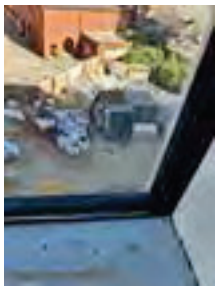




12/04/2025 11:19:08



12/04/2025 11:19:08



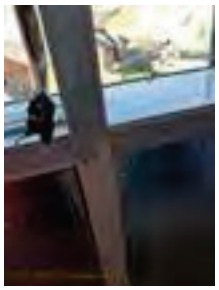
12/04/2025 11:19:08



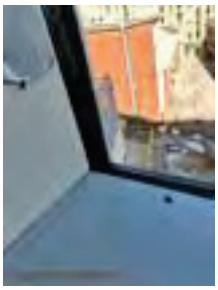
12/04/2025 11:19:08



12/04/2025 11:19:09



12/04/2025 11:19:09



12/04/2025 11:19:09



12/04/2025 11:19:10



12/04/2025 11:19:10



12/04/2025 11:19:10



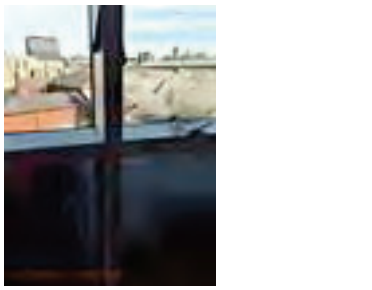
12/04/2025 11:19:10



12/04/2025 11:19:10



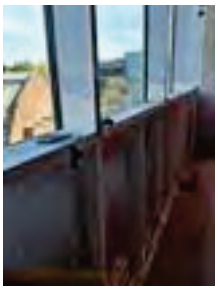
12/04/2025 11:19:11



12/04/2025 11:19:11



12/04/2025 11:19:11



12/04/2025 11:19:11

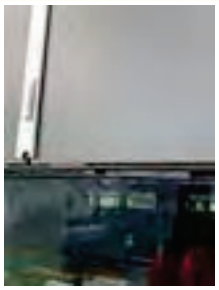
12/04/2025 11:19:12

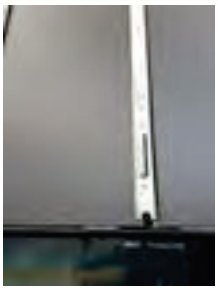
12/04/2025 11:19:12

Check any secondary brackets are fitted correctly to the mullions (i.e. brise soleil etc.)	Yes

Images

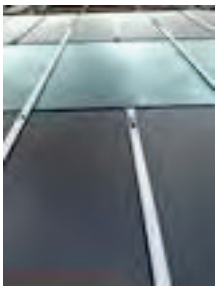

14/04/2025 12:30:49


14/04/2025 12:30:49

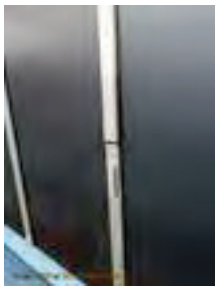

14/04/2025 12:30:49


14/04/2025 12:30:49

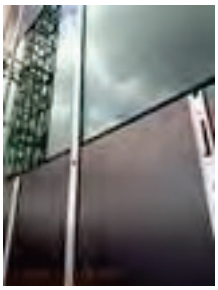

14/04/2025 12:30:49

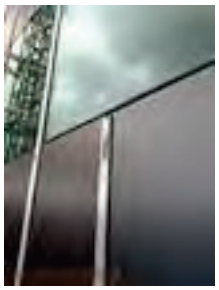

14/04/2025 12:30:50


14/04/2025 12:30:50


14/04/2025 12:30:50

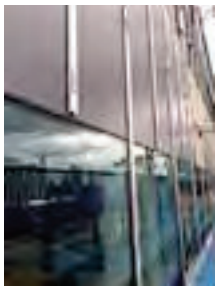

14/04/2025 12:30:50


14/04/2025 12:30:51


14/04/2025 12:30:51


14/04/2025 12:30:51


14/04/2025 12:30:51


14/04/2025 12:30:51


14/04/2025 12:30:52

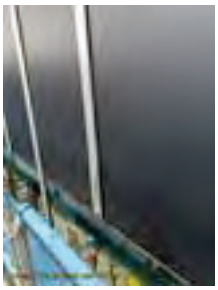

14/04/2025 12:30:52


14/04/2025 12:30:52


14/04/2025 12:30:52


14/04/2025 12:30:52


14/04/2025 12:30:53

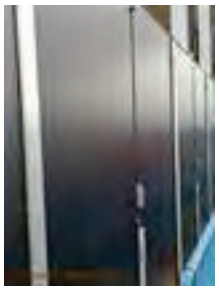

14/04/2025 12:30:53


14/04/2025 12:30:53


14/04/2025 12:30:53


14/04/2025 12:30:53


14/04/2025 12:30:54

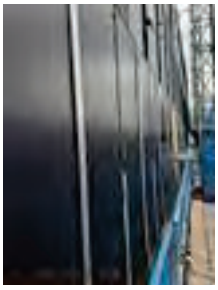

14/04/2025 12:30:54

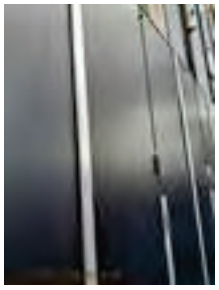

14/04/2025 12:30:54


14/04/2025 12:30:54


14/04/2025 12:30:55


14/04/2025 12:30:55







14/04/2025 12:30:55 14/04/2025 12:30:55 14/04/2025 12:30:56



14/04/2025 12:30:56

Check all EPDM's are fitted and securely fixed to the perimeter of the CW Frame.	Yes
Check any Trickle Vents are installed to the Frame (if required)	Yes
HOLD POINT 5 - The checks indicated above completed	

[redacted]

Chris Ward (RED Systems Ltd)

17/04/2025 15:46:54

WD countersign of HOLD POINT 5 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

14/04/2025 12:31:44

Fitting Internal Glazing, Louvres and Spandrel Panels	
Ensure Glazing labels are checked for conformity with the Glazing Specification	
Check the glass is fitted to the specified thickness and installed with correct the face out i.e. solar glass	Yes
Check the colour consistency of tinted or solar glass	Yes
Impact glass for edge damage, cracks and shells	Yes
Check to ensure the infill panels i.e. DGU's, Spandrel panels etc. are fitted the correct way round i.e. external face is fitted to the outside of the Building Fabric.	Yes

Images



12/04/2025 11:18:45



12/04/2025 11:18:50



30/04/2025 08:49:51



30/04/2025 08:49:52



30/04/2025 08:49:52



30/04/2025 08:49:52


30/04/2025 08:49:52


30/04/2025 08:49:53

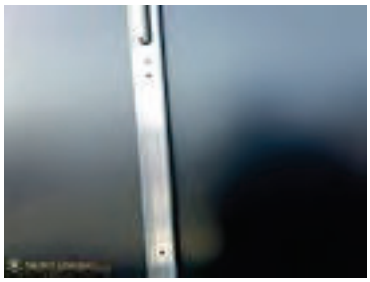

30/04/2025 08:49:53

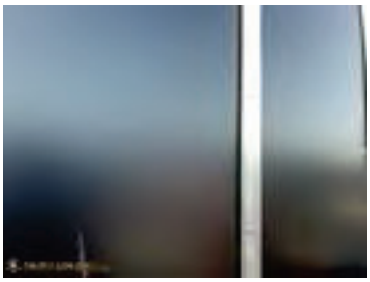

30/04/2025 08:49:53

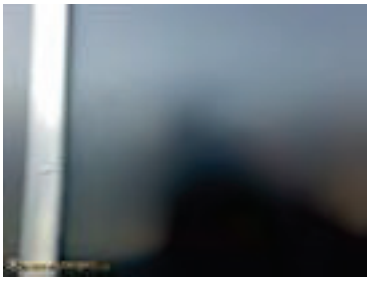

30/04/2025 08:49:53

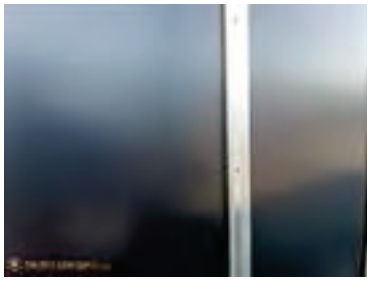

30/04/2025 08:49:54


30/04/2025 08:49:54


30/04/2025 08:49:54


30/04/2025 08:49:54


30/04/2025 08:49:55


30/04/2025 08:49:55


30/04/2025 08:49:55


30/04/2025 08:49:55

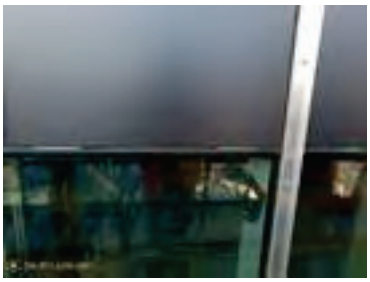

30/04/2025 08:49:56


30/04/2025 08:49:56


30/04/2025 08:49:56

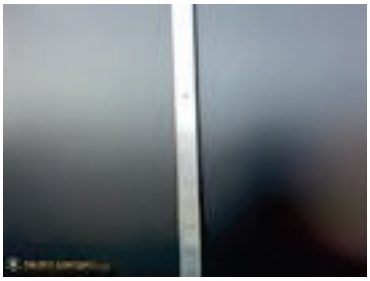

30/04/2025 08:49:56


30/04/2025 08:49:56


30/04/2025 08:49:57


30/04/2025 08:49:57


30/04/2025 08:49:57


30/04/2025 08:49:58


30/04/2025 08:49:58


30/04/2025 08:49:58


30/04/2025 08:49:58


30/04/2025 08:49:58


30/04/2025 08:49:59


30/04/2025 08:49:59

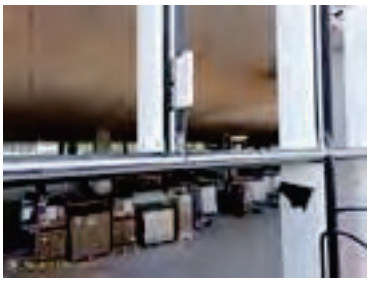

30/04/2025 08:49:59


30/04/2025 08:49:59


30/04/2025 08:50:00


30/04/2025 08:50:00


30/04/2025 08:50:00


30/04/2025 08:50:00


30/04/2025 08:50:01


30/04/2025 08:50:01


30/04/2025 08:50:01


30/04/2025 08:50:01


30/04/2025 08:50:02


30/04/2025 08:50:02


30/04/2025 08:50:02


30/04/2025 08:50:02


30/04/2025 08:50:03

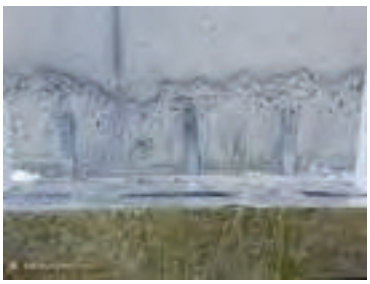

30/04/2025 08:50:03


30/04/2025 08:50:03


30/04/2025 08:50:04


30/04/2025 08:50:04


30/04/2025 08:50:04


30/04/2025 08:50:04


30/04/2025 08:50:05


30/04/2025 08:50:05


30/04/2025 08:50:05


30/04/2025 08:50:05


30/04/2025 08:50:05


30/04/2025 08:50:06


30/04/2025 08:50:06


30/04/2025 08:50:06


30/04/2025 08:50:07


30/04/2025 08:50:07


30/04/2025 08:50:07


30/04/2025 08:50:07


30/04/2025 08:50:08


30/04/2025 08:50:08


30/04/2025 08:50:08


30/04/2025 08:50:08

Check the Pressure Plates are correctly fixed to both transoms and mullions, and ensure the correct torque pressure is applied. Check gaskets are not "flipped" after Pressure Plates are fixed.	Yes
Check to ensure any "pressure equalisation" holes are fitted to Pressure Plates.	
Check all sills and drips have been installed as per drawings.	
Check to ensure all EPDM/DPC'S remain intact.	
Check Silicone seals are continuous and are pleasing to the eye.	
Where windows and actuators occur within the system ensure that the system is correctly installed and operating effectively. All opening lights to close tight onto gaskets.	
Finally check that the Pressure Plate Caps are correctly mitred and securely fitted to the Pressure Plates. Ensure all Cills and pressed metal items are securely fitted.	
HOLD POINT 6 - The checks indicated above completed	
WD countersign of HOLD POINT 6 when complete	

Post Installation Checks	
Check holes or cuts carried out on site are clean, burr and swarf free so the area can be treated to prevent future corrosion of the material	
Check that all specified testing to the CW has been carried out and is acceptable to all parties including the designer	

Check Doors/Windows operate smoothly in the system and ironmongery is fitted correctly	
Ensure all ironmongery works correctly and closes openings snugly	
Ensure any necessary manifestation or specified film is applied to the glass. NB DGU are designed to accommodate film.	
Check specified mastic sealants have been used with the correct thickness in a continuous bead of mastic	

Bespoke Items - Additional Hold Points/Additional Checks		
#	**Additional Hold Point**	**Additional check**

Complete for Quality				
#	**Check Item**	**S/C Initial**	**WD Initial**	**Type of Evidence**
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed S/C	
All Evidence available & actions closed	
Date Closed	
Approval to pay	

QD Checklist-P1-Curtain Walling

main entrance and ground floor curtain walling

Form Reference	F383650.173
Owned By	Abi Belfield (Willmott Dixon Construction)
Date	13/01/2025 09:38:35
Status	Started
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Main Entrance>Curtain Wall - REDs>Facades>QUALITY DELIVERY

Form Location	Main Entrance
Supply Chain	RED Systems Ltd
Area of Works/Location	main entrance and ground floor curtain walling

Document Name	Type	Created By	Date
RE_ Main Entrance .msg	Unknown	Abi Belfield (Willmott Dixon Construction)	14/02/2025 07:56:59

General

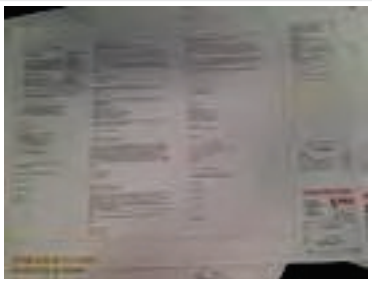
#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	Windows & Curtain Walling	13/01/2025	13/01/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	GRE-BDP-ZZ-XX-TX-A-02101 and GRE-RED-XX-00-DR-X-01200	AB	AB and LP
2	Confirm Drawing	GRE-RED-XX-00-DR-X-01201 and GRE-RED-XX-00-DR-X-01202 and GRE-RED-XX-00-DR-X-01203	AB	AB and LP

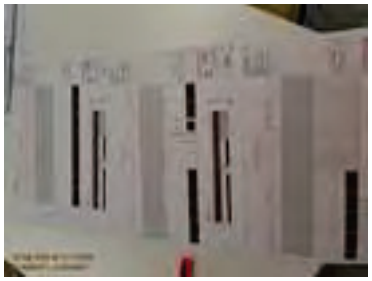
Images

#1



13/02/2025 11:11:04

#2



13/02/2025 11:14:53



13/02/2025 11:16:54



13/02/2025 11:17:07

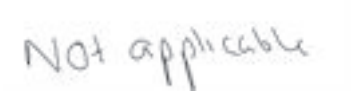


13/02/2025 11:17:21

Apply & Control

Pre Installation Checks

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	



Abi Belfield (Willmott Dixon Construction)

13/01/2025 09:39:41

Images



13/01/2025 09:40:07

Comments	Created By	Date
glazing within sfs - sfs wall meets 90min	Abi Belfield (Willmott Dixon Construction)	13/01/2025 09:40:01

WD countersign of HOLD POINT 1 when complete	



Abi Belfield (Willmott Dixon Construction)

13/01/2025 09:39:49

Confirm Supply Chain proposed installation Spec & drawings comply with the Contract spec & are signed off by Principal Designer/Architect & Structural Engineer	Yes

Images



13/02/2025 11:18:06

Confirm installers have relevant competence and approval to install the system	Yes

SCP HOLD POINT 2 - Ensure SCP provide an "onsite installation demonstration" to educate & provide understanding of CW System, thermal capabilities, Glass Spec, Drainage paths. etc.	

[redacted]

Lily Pringle (Willmott Dixon Construction)

14/02/2025 10:20:21

WD countersign of HOLD POINT 2 when complete	

[redacted]

Lily Pringle (Willmott Dixon Construction)

13/02/2025 11:20:49

Check supply chain partner understands that all glass panes require Kitemarking to show type of glass.as per Willmott Dixon Glass Policy	Yes
Glass type as Approved Document N - Glazing Safety	Yes
Check the structural opening, and any intermediate structural bearing points are constructed to the correct dimensions to receive the system	Yes

Images



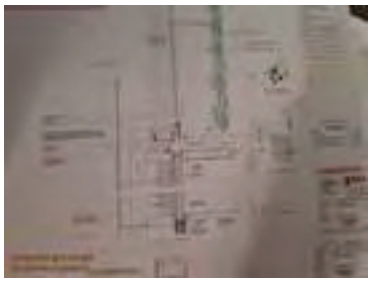
13/02/2025 11:22:31



13/02/2025 11:22:43

Check that junctions and interfaces have been completed	Yes

Images



13/02/2025 11:23:16

Check all structural framework has been completed ready to receive the curtain walling system	Yes

Comments	Created By	Date
see SFS QD form	Lily Pringle (Willmott Dixon Construction)	13/02/2025 11:24:00

HOLD POINT 3 - Pre-start checks completed	

[redacted]

Lily Pringle (Willmott Dixon Construction)

14/02/2025 10:20:24

Anthony Bowen (RED Systems Ltd)

08/04/2025 12:20:32

WD countersign of HOLD POINT 3 when complete	

[redacted]

Lily Pringle (Willmott Dixon Construction)

13/02/2025 11:24:17

During Construction	
Check CW Framework has been installed with all correct components	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.427	Ensure four fixings	13/02/2025 16:02:34	Signed Off	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



13/02/2025 16:02:34

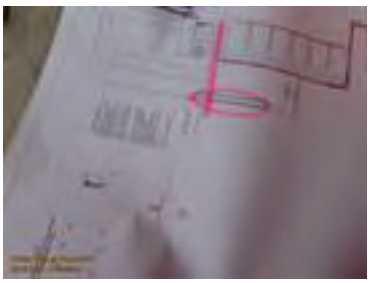
Images



13/02/2025 15:56:00



13/02/2025 15:56:04



13/02/2025 16:04:28



13/02/2025 16:04:33



13/02/2025 16:04:37



13/02/2025 16:04:46



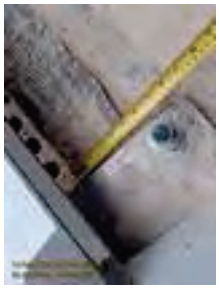
13/02/2025 16:05:07



14/02/2025 08:12:34



14/02/2025 08:12:49



14/02/2025 08:13:13



14/02/2025 08:13:25



14/02/2025 08:13:34



14/02/2025 08:13:39

HOLD POINT 4 - SCP to line, level & ensure CW Framework is plumb & fixed back to supporting structure. Ensure curtain wall frame is fully tightened at all mullion & transom intersections	

[redacted]

Lily Pringle (Willmott Dixon Construction)
14/02/2025 10:20:27

Anthony Bowen (RED Systems Ltd)
08/04/2025 12:20:38

WD countersign of HOLD POINT 4 when complete	

[redacted]

Lily Pringle (Willmott Dixon Construction)
13/02/2025 11:25:08

Prior to fitting Infill panels (Glazing, Louvres, Spandrel panels etc.)	
Check drainage paths are clear and internal channels are sealed correctly at the intersections of mullions and transoms.	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T372761.28	some fixings too close to edge of slab ensure 110mm from edge	17/02/2025 09:12:21	Signed Off	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



21/02/2025 11:11:55

Images



13/02/2025 16:05:54



13/02/2025 16:06:07



13/02/2025 16:06:18



13/02/2025 16:06:32



13/02/2025 16:06:42



13/02/2025 16:06:51



13/02/2025 16:07:06



13/02/2025 16:07:33



13/02/2025 16:07:47



13/02/2025 16:07:56



13/02/2025 16:08:09

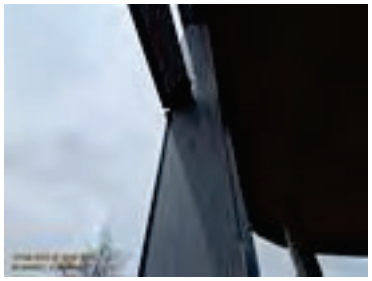


13/02/2025 16:08:18

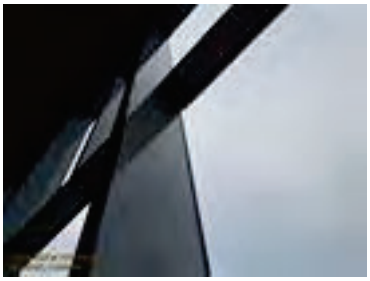

13/02/2025 16:08:25


13/02/2025 16:08:33


13/02/2025 16:08:40


13/02/2025 16:08:47


13/02/2025 16:09:00


13/02/2025 16:09:09

Check that any specified Expansion Joints are in place & correctly formed	Yes
Check that glazing packers and junction isolators have been correctly installed	Yes
Check that any thermal breaks are fitted correctly	Yes

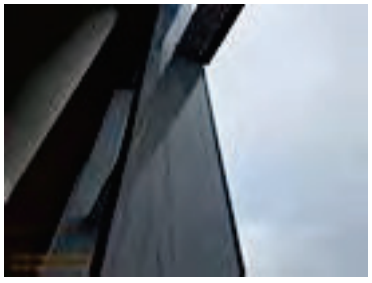
Images


13/02/2025 16:09:51


13/02/2025 16:10:07

Check that the CW Framework has the specified gap to the Jambs, cills and head frame.	Yes
Check the mullion and transom joints are correctly formed and are tight fitting with no evident gaps for water ingress	Yes

Images


13/02/2025 16:10:34

Check that all drainage paths and slots are unblocked and correctly functioning	Yes
Check all internal glazing gaskets have been correctly fitted and are not flipped or cut short.	
Check any secondary brackets are fitted correctly to the mullions (i.e. brise soleil etc.)	N/A

Comments	Created By	Date
not installed yet	Lily Pringle (Willmott Dixon Construction)	13/02/2025 16:11:30

Check all EPDM's are fitted and securely fixed to the perimeter of the CW Frame.	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.448	small gap in edpm	07/04/2025 10:24:28	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



07/04/2025 10:24:28

Images



07/04/2025 10:23:26



07/04/2025 10:23:26



07/04/2025 10:23:26



07/04/2025 10:23:27



07/04/2025 10:23:27



07/04/2025 10:23:27



07/04/2025 10:23:27



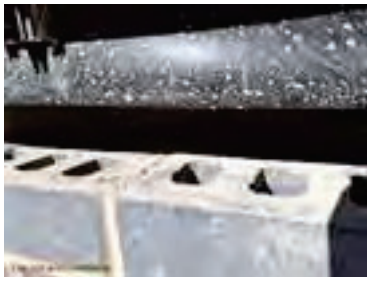
07/04/2025 10:23:28



07/04/2025 10:23:28



07/04/2025 10:23:28



07/04/2025 10:23:28



07/04/2025 10:23:29


07/04/2025 10:23:29


07/04/2025 10:23:29


07/04/2025 10:23:30


07/04/2025 10:23:30


07/04/2025 10:23:30


07/04/2025 10:23:30


07/04/2025 10:23:31


07/04/2025 10:23:31


07/04/2025 10:23:31


07/04/2025 10:23:31


07/04/2025 10:23:32


07/04/2025 10:23:32


07/04/2025 10:23:32


07/04/2025 10:23:32


07/04/2025 10:23:33


07/04/2025 10:23:33

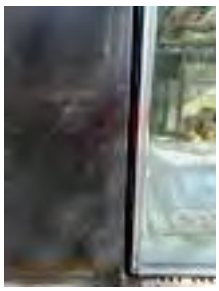

07/04/2025 10:23:33

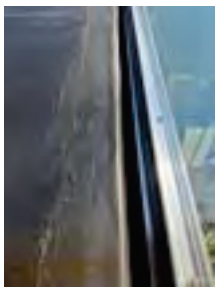

07/04/2025 10:23:33


07/04/2025 10:23:33


07/04/2025 10:23:34


07/04/2025 10:23:34


07/04/2025 10:23:45


07/04/2025 10:23:55

Check any Trickle Vents are installed to the Frame (if required)	Yes
HOLD POINT 5 - The checks indicated above completed	

[redacted]

Lily Pringle (Willmott Dixon Construction)
14/02/2025 10:20:32

Anthony Bowen (RED Systems Ltd)
08/04/2025 12:20:51

Comments	Created By	Date
Chris ward	Gary Dearden (Willmott Dixon Construction)	07/04/2025 10:24:43

WD countersign of HOLD POINT 5 when complete	

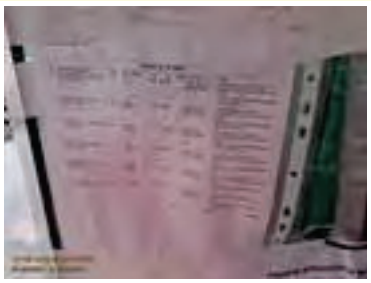
[redacted]

Lily Pringle (Willmott Dixon Construction)
13/02/2025 16:12:05

Fitting Internal Glazing, Louvres and Spandrel Panels	
Ensure Glazing labels are checked for conformity with the Glazing Specification	Yes

Images


13/02/2025 16:12:41


13/02/2025 16:12:49


13/02/2025 16:13:04



13/02/2025 16:13:13

Check the glass is fitted to the specified thickness and installed with correct the face out i.e. solar glass	Yes

Images



13/02/2025 16:14:03



13/02/2025 16:14:22

Check the colour consistency of tinted or solar glass	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.449	possible delamination - wavy appearance top corner glass main entrance when looking out	07/04/2025 10:27:04	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



07/04/2025 10:27:05

Impact glass for edge damage, cracks and shells	Yes

Images



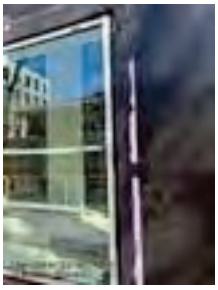
13/02/2025 16:14:40

Check to ensure the infill panels i.e. DGU's, Spandrel panels etc. are fitted the correct way round i.e. external face is fitted to the outside of the Building Fabric.	Yes
Check the Pressure Plates are correctly fixed to both transoms and mullions, and ensure the correct torque pressure is applied. Check gaskets are not "flipped" after Pressure Plates are fixed.	Yes
Check to ensure any "pressure equalisation" holes are fitted to Pressure Plates.	Yes

Check all sills and drips have been installed as per drawings.	Yes
Check to ensure all EPDM/DPC'S remain intact.	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.450	areas of external walls hoping weather defence please cover either obex	07/04/2025 10:28:13	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



07/04/2025 10:28:13



07/04/2025 10:28:13

Check Silicone seals are continuous and are pleasing to the eye.	N/A
Where windows and actuators occur within the system ensure that the system is correctly installed and operating effectively. All opening lights to close tight onto gaskets.	Yes
Finally check that the Pressure Plate Caps are correctly mitred and securely fitted to the Pressure Plates. Ensure all Cills and pressed metal items are securely fitted.	Yes
HOLD POINT 6 - The checks indicated above completed	

[redacted]

Lily Pringle (Willmott Dixon Construction)

14/02/2025 10:20:37

Anthony Bowen (RED Systems Ltd)

08/04/2025 12:21:24

WD countersign of HOLD POINT 6 when complete	

[redacted]

Lily Pringle (Willmott Dixon Construction)

13/02/2025 16:15:50

Post Installation Checks	
Check holes or cuts carried out on site are clean, burr and swarf free so the area can be treated to prevent future corrosion of the material	N/A
Check that all specified testing to the CW has been carried out and is acceptable to all parties including the designer	
Check Doors/Windows operate smoothly in the system and ironmongery is fitted correctly	
Ensure all ironmongery works correctly and closes openings snugly	
Ensure any necessary manifestation or specified film is applied to the glass. NB DGU are designed to accommodate film.	
Check specified mastic sealants have been used with the correct thickness in a continuous bead of mastic	

Bespoke Items - Additional Hold Points/Additional Checks

#	Additional Hold Point	Additional check

Complete for Quality

#	Check Item	S/C Initial	WD Initial	Type of Evidence
1	Works adequately protected			
2	Work area cleaned		1	

Closure	
All Evidence available & actions closed S/C	
All Evidence available & actions closed	
Date Closed	
Approval to pay	

WILLMOTT DIXON SINCE 1852

QD Checklist-P1-Curtain Walling

mast 11

Form Reference	F460259.61
Owned By	Chris Ward (RED Systems Ltd)
Date	04/02/2025 10:55:25
Status	Started
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Mast 11 P-L>South Elevation>Curtain Wall - REDs>Facades>QUALITY DELIVERY

Form Location	Mast 11 P-L
Supply Chain	RED Systems Ltd
Area of Works/Location	mast 11

General

#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	Windows & Curtain Walling	04/02/2025	04/02/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	GRE-BDP-ZZ-XX-TX-A-02101	AB	AB
2	Confirm Drawing	GRE RED XX XX DR X 116-230	AB	AB

#	Document Name	Created By	Date	
2	GRE-RED-XX-00-DR-X-03200_Curtain Wall Detail - Main Entrance - Head Detail_A5 Approved and accepted as Stage Complete_C03.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:04:48
2	GRE-RED-XX-00-DR-X-03201_Curtain Wall Detail - Main Entrance - Cill Detail_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:04:50
2	GRE-RED-XX-00-DR-X-03202_Curtain Wall Detail - Main Entrance - Jamb Detail_A5 Approved and accepted as Stage Complete_C03.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:04:52
2	GRE-RED-XX-00-DR-X-03203_Curtain Wall Detail - Main Entrance - Swing Door Jamb Details_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:04:54
2	GRE-RED-XX-00-DR-X-03204_Curtain Wall Detail - Main Entrance - Swing Door Head & Threshold Details_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:04:56
2	GRE-RED-XX-00-DR-X-03205_Curtain Wall Detail - Main Entrance - Revolving Door Details_A5 Approved and accepted as Stage Complete_C01.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:04:57
2	GRE-RED-XX-00-DR-X-03206_Curtain Wall Detail - Main Entrance - Revolving Door Details_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:04:59
2	GRE-RED-XX-00-DR-X-03207_Curtain Wall Detail - Main Entrance - Cill Detail_A5 Approved and accepted as Stage Complete_C01.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:00
2	GRE-RED-XX-XX-DR-X-01101_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# P1 & O_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:02
2	GRE-RED-XX-XX-DR-X-01102_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# O & N_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:04
2	GRE-RED-XX-XX-DR-X-01103_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# N & M_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:05
2	GRE-RED-XX-XX-DR-X-01104_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# M & L_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:07
2	GRE-RED-XX-XX-DR-X-01105_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# L & K_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:09

2	GRE-RED-XX-XX-DR-X-01106_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# K & J_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:11
2	GRE-RED-XX-XX-DR-X-01107_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# J & I_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:13
2	GRE-RED-XX-XX-DR-X-01108_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# I & H_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:14
2	GRE-RED-XX-XX-DR-X-01109_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# H & G_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:16
2	GRE-RED-XX-XX-DR-X-01110_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# G & F_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:18
2	GRE-RED-XX-XX-DR-X-01111_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# F & E_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:20
2	GRE-RED-XX-XX-DR-X-01112_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# E & D_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:23
2	GRE-RED-XX-XX-DR-X-01113_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# D & C1_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:25
2	GRE-RED-XX-XX-DR-X-01114_Curtain Wall Elevation Curved Section Between Grid Lines# 2a & C1_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:27
2	GRE-RED-XX-XX-DR-X-03030_Curtain Wall Detail - System Prep and Mechanical Details - Sheet 1_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:30
2	GRE-RED-XX-XX-DR-X-03031_Curtain Wall Detail - System Prep and Mechanical Details - Sheet 2_A5 Approved and accepted as Stage Complete_C01.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:05:32

Apply & Control

Pre Installation Checks

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	

[redacted]

Chris Ward (RED Systems Ltd)

04/02/2025 10:55:40

WD countersign of HOLD POINT 1 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

06/02/2025 11:56:56

Confirm Supply Chain proposed installation Spec & drawings comply with the Contract spec & are signed off by Principal Designer/Architect & Structural Engineer	Yes

Comments	Created By	Date
Construction Status	Abi Belfield (Willmott Dixon Construction)	14/04/2025 11:51:12

Confirm installers have relevant competence and approval to install the system	Yes

Comments	Created By	Date
See QD folder for competencies and tool box talks	Abi Belfield (Willmott Dixon Construction)	11/02/2025 17:36:23

SCP HOLD POINT 2 - Ensure SCP provide an "onsite installation demonstration" to educate & provide understanding of CW System, thermal capabilities, Glass Spec, Drainage paths. etc.	

[redacted]

Chris Ward (RED Systems Ltd)

04/02/2025 10:55:47

Comments	Created By	Date
Rayners have been on site - tool box talk is in the sharepoint folder under 3rd party inspections	Abi Belfield (Willmott Dixon Construction)	11/02/2025 17:38:36

WD countersign of HOLD POINT 2 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

06/02/2025 12:14:05

Check supply chain partner understands that all glass panes require Kitemarking to show type of glass.as per Willmott Dixon Glass Policy	Yes
Glass type as Approved Document N - Glazing Safety	Yes
Check the structural opening, and any intermediate structural bearing points are constructed to the correct dimensions to receive the system	Yes
Check that junctions and interfaces have been completed	Yes
Check all structural framework has been completed ready to receive the curtain walling system	Yes

Comments	Created By	Date
Halpen Channel QA completed - see inspection QA under facade - cast into slab by Mayo groundworks	Abi Belfield (Willmott Dixon Construction)	11/02/2025 17:39:24

HOLD POINT 3 - Pre-start checks completed	

[redacted]

Chris Ward (RED Systems Ltd)

04/02/2025 10:55:56

WD countersign of HOLD POINT 3 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

06/02/2025 12:14:09

During Construction	
Check CW Framework has been installed with all correct components	Yes

Images



06/02/2025 11:58:58



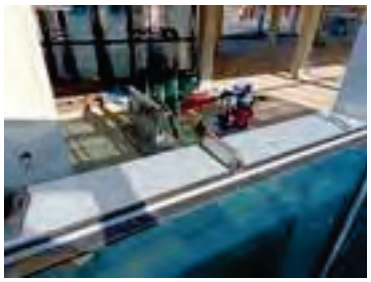
06/02/2025 11:59:09



06/02/2025 11:59:44



06/02/2025 12:01:20



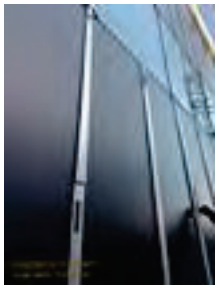
06/02/2025 12:01:31



06/02/2025 12:01:39



06/02/2025 12:14:45



06/02/2025 12:14:52



06/02/2025 12:14:58



31/03/2025 08:37:00

HOLD POINT 4 - SCP to line, level & ensure CW Framework is plumb & fixed back to supporting structure. Ensure curtain wall frame is fully tightened at all mullion & transom intersections	

[redacted]

Chris Ward (RED Systems Ltd)

04/02/2025 10:56:02

WD countersign of HOLD POINT 4 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

06/02/2025 12:14:14

Prior to fitting Infill panels (Glazing, Louvres, Spandrel panels etc.)	
Check drainage paths are clear and internal channels are sealed correctly at the intersections of mullions and transoms.	Yes

Images



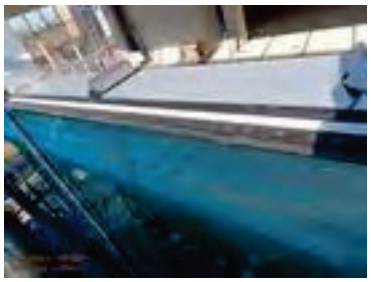
06/02/2025 11:59:29

Check that any specified Expansion Joints are in place & correctly formed	Yes

Images



06/02/2025 12:01:58



06/02/2025 12:02:07



06/02/2025 12:02:19



06/02/2025 12:02:26



12/04/2025 10:30:27

Check that glazing packers and junction isolators have been correctly installed	Yes

Images



06/02/2025 12:02:38



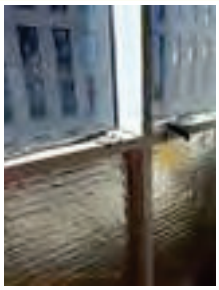
06/02/2025 12:02:46

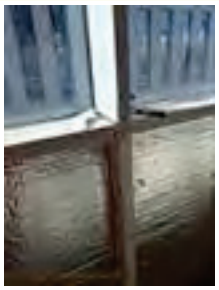


06/02/2025 12:03:12

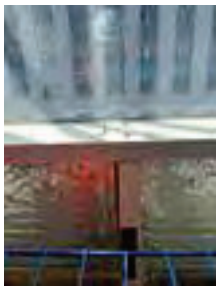
Check that any thermal breaks are fitted correctly	Yes
Check that the CW Framework has the specified gap to the Jambs, cills and head frame.	Yes

Images


12/04/2025 10:31:27


12/04/2025 10:31:28


12/04/2025 10:31:28


12/04/2025 10:31:28


12/04/2025 10:31:29


12/04/2025 10:31:29


12/04/2025 10:31:29


12/04/2025 10:31:29


12/04/2025 10:31:30


12/04/2025 10:31:30

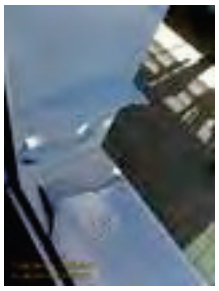

12/04/2025 10:31:30


12/04/2025 10:31:31

Check the mullion and transom joints are correctly formed and are tight fitting with no evident gaps for water ingress	Yes

Images


06/02/2025 12:03:44


06/02/2025 12:03:54


06/02/2025 12:08:34


06/02/2025 12:08:42


06/02/2025 12:08:47


13/02/2025 09:11:29


13/02/2025 09:11:39

Check that all drainage paths and slots are unblocked and correctly functioning	Yes

Images


06/02/2025 12:08:59


06/02/2025 12:09:06


06/02/2025 12:09:15

Check all internal glazing gaskets have been correctly fitted and are not flipped or cut short.	Yes

Images


06/02/2025 12:04:11


06/02/2025 12:04:19


06/02/2025 12:04:33


06/02/2025 12:04:40


06/02/2025 12:12:18


06/02/2025 12:12:24


06/02/2025 12:12:32


06/02/2025 12:12:39

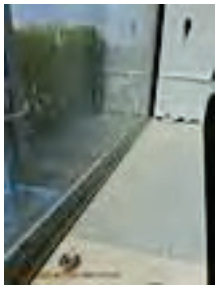

06/02/2025 12:13:25


12/04/2025 10:32:24


12/04/2025 10:32:25


12/04/2025 10:32:25


12/04/2025 10:32:25


12/04/2025 10:32:25


12/04/2025 10:32:26


12/04/2025 10:32:26


12/04/2025 10:32:26


12/04/2025 10:32:27


12/04/2025 10:32:27

Check any secondary brackets are fitted correctly to the mullions (i.e. brise soleil etc.)	Yes

Images



06/02/2025 12:09:46



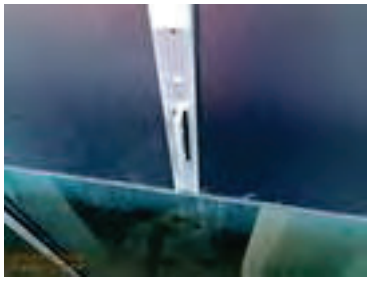
06/02/2025 12:09:54



06/02/2025 12:10:01



06/02/2025 12:13:50



06/02/2025 12:13:56

Check all EPDM's are fitted and securely fixed to the perimeter of the CW Frame.	Yes
Check any Trickle Vents are installed to the Frame (if required)	Yes
HOLD POINT 5 - The checks indicated above completed	

[redacted]

Chris Ward (RED Systems Ltd)

04/02/2025 10:56:19

WD countersign of HOLD POINT 5 when complete	

Abi Belfield (Willmott Dixon Construction)

11/02/2025 17:40:15

Fitting Internal Glazing, Louvres and Spandrel Panels	
Ensure Glazing labels are checked for conformity with the Glazing Specification	Yes

Document Name	Type	Created By	Date
GRE-RED-XX-XX-DR-X-01100 (5) Glazing Specification.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	11/02/2025 17:42:27

Check the glass is fitted to the specified thickness and installed with correct the face out i.e. solar glass	Yes
Check the colour consistency of tinted or solar glass	Yes
Impact glass for edge damage, cracks and shells	Yes
Check to ensure the infill panels i.e. DGU's, Spandrel panels etc. are fitted the correct way round i.e. external face is fitted to the outside of the Building Fabric.	Yes

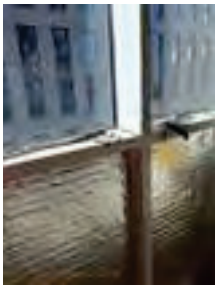
Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.457	small bits of damage level 3 to insulation to be taped	12/04/2025 10:33:15	Signed Off	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images

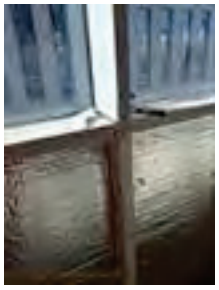


12/04/2025 10:33:15

Images



12/04/2025 10:32:47



12/04/2025 10:32:47



12/04/2025 10:32:48



12/04/2025 10:32:48



12/04/2025 10:32:48



12/04/2025 10:32:49



12/04/2025 10:32:49



12/04/2025 10:32:49



12/04/2025 10:32:49



12/04/2025 10:32:50

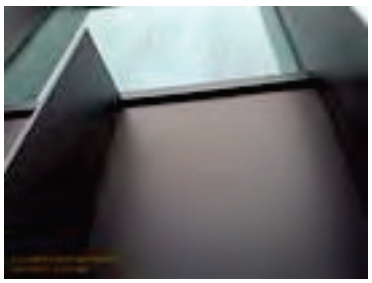
Check the Pressure Plates are correctly fixed to both transoms and mullions, and ensure the correct torque pressure is applied. Check gaskets are not "flipped" after Pressure Plates are fixed.	Yes
Check to ensure any "pressure equalisation" holes are fitted to Pressure Plates.	Yes
Check all sills and drips have been installed as per drawings.	Yes

Images


03/06/2025 08:07:04


03/06/2025 08:07:10


03/06/2025 08:07:14


03/06/2025 08:07:19


03/06/2025 08:07:23


03/06/2025 08:07:28


03/06/2025 08:07:33


03/06/2025 08:08:01

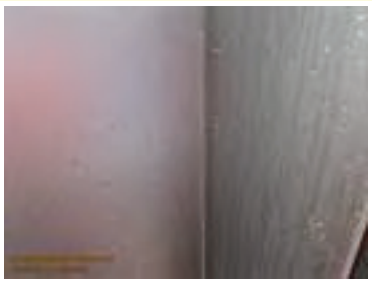

03/06/2025 08:08:06


03/06/2025 08:08:10


03/06/2025 08:08:16

Check to ensure all EPDM/DPC'S remain intact.	Yes
Check Silicone seals are continuous and are pleasing to the eye.	Yes

Images


03/06/2025 08:07:40


03/06/2025 08:07:46


03/06/2025 08:07:55

Where windows and actuators occur within the system ensure that the system is correctly installed and operating effectively. All opening lights to close tight onto gaskets.	N/A
Finally check that the Pressure Plate Caps are correctly mitred and securely fitted to the Pressure Plates. Ensure all Cills and pressed metal items are securely fitted.	Yes

Images



29/05/2025 14:36:34



03/06/2025 08:11:39

HOLD POINT 6 - The checks indicated above completed	

[redacted]

Anthony Bowen (RED Systems Ltd)

08/07/2025 10:55:44

WD countersign of HOLD POINT 6 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

08/07/2025 10:55:38

Post Installation Checks	
Check holes or cuts carried out on site are clean, burr and swarf free so the area can be treated to prevent future corrosion of the material	Yes
Check that all specified testing to the CW has been carried out and is acceptable to all parties including the designer	Yes
Check Doors/Windows operate smoothly in the system and ironmongery is fitted correctly	N/A
Ensure all ironmongery works correctly and closes openings snugly	N/A
Ensure any necessary manifestation or specified film is applied to the glass. NB DGU are designed to accommodate film.	Yes
Check specified mastic sealants have been used with the correct thickness in a continuous bead of mastic	Yes

Bespoke Items - Additional Hold Points/Additional Checks

#	Additional Hold Point	Additional check

Complete for Quality

#	Check Item	S/C Initial	WD Initial	Type of Evidence
1	Works adequately protected			
2	Work area cleaned			

Closure	
All Evidence available & actions closed S/C	
All Evidence available & actions closed	
Date Closed	
Approval to pay	

WILLMOTT DIXON SINCE 1852

QD Checklist-P1-Curtain Walling

Mast 10

Form Reference	F460259.62
Owned By	Chris Ward (RED Systems Ltd)
Date	04/02/2025 10:57:44
Status	Started
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Mast 10 GL L - CL>South Elevation>Curtain Wall - REDs>Facades>QUALITY DELIVERY

Form Location	Mast 10 GL L - CL
Supply Chain	RED Systems Ltd
Area of Works/Location	Mast 10

General

#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	Windows & Curtain Walling	04/02/2025	04/02/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	GRE-BDP-ZZ-XX-TX-A-02101	AB	AB
2	Confirm Drawing	GRE RED XX XX DR X 116-230	AB	AB

#	Document Name	Created By	Date	
2	GRE-RED-XX-00-DR-X-03200_Curtain Wall Detail - Main Entrance - Head Detail_A5 Approved and accepted as Stage Complete_C03.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:16
2	GRE-RED-XX-00-DR-X-03201_Curtain Wall Detail - Main Entrance - Cill Detail_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:18
2	GRE-RED-XX-00-DR-X-03202_Curtain Wall Detail - Main Entrance - Jamb Detail_A5 Approved and accepted as Stage Complete_C03.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:20
2	GRE-RED-XX-00-DR-X-03203_Curtain Wall Detail - Main Entrance - Swing Door Jamb Details_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:22
2	GRE-RED-XX-00-DR-X-03204_Curtain Wall Detail - Main Entrance - Swing Door Head & Threshold Details_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:23
2	GRE-RED-XX-00-DR-X-03205_Curtain Wall Detail - Main Entrance - Revolving Door Details_A5 Approved and accepted as Stage Complete_C01.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:25
2	GRE-RED-XX-00-DR-X-03206_Curtain Wall Detail - Main Entrance - Revolving Door Details_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:28
2	GRE-RED-XX-00-DR-X-03207_Curtain Wall Detail - Main Entrance - Cill Detail_A5 Approved and accepted as Stage Complete_C01.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:30
2	GRE-RED-XX-XX-DR-X-01101_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# P1 & O_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:31
2	GRE-RED-XX-XX-DR-X-01102_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# O & N_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:33
2	GRE-RED-XX-XX-DR-X-01103_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# N & M_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:34
2	GRE-RED-XX-XX-DR-X-01104_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# M & L_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:36
2	GRE-RED-XX-XX-DR-X-01105_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# L & K_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:38

2	GRE-RED-XX-XX-DR-X-01106_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# K & J_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:39
2	GRE-RED-XX-XX-DR-X-01107_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# J & I_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:41
2	GRE-RED-XX-XX-DR-X-01108_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# I & H_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:42
2	GRE-RED-XX-XX-DR-X-01109_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# H & G_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:46
2	GRE-RED-XX-XX-DR-X-01110_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# G & F_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:49
2	GRE-RED-XX-XX-DR-X-01111_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# F & E_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:51
2	GRE-RED-XX-XX-DR-X-01112_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# E & D_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:52
2	GRE-RED-XX-XX-DR-X-01113_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# D & C1_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:54
2	GRE-RED-XX-XX-DR-X-01114_Curtain Wall Elevation Curved Section Between Grid Lines# 2a & C1_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:56
2	GRE-RED-XX-XX-DR-X-03030_Curtain Wall Detail - System Prep and Mechanical Details - Sheet 1_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:57
2	GRE-RED-XX-XX-DR-X-03031_Curtain Wall Detail - System Prep and Mechanical Details - Sheet 2_A5 Approved and accepted as Stage Complete_C01.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:03:59

Apply & Control

Pre Installation Checks

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	

[redacted]

Chris Ward (RED Systems Ltd)

04/02/2025 10:57:58

WD countersign of HOLD POINT 1 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

13/02/2025 09:12:10

Confirm Supply Chain proposed installation Spec & drawings comply with the Contract spec & are signed off by Principal Designer/Architect & Structural Engineer	Yes
Confirm installers have relevant competence and approval to install the system	Yes

SCP HOLD POINT 2 - Ensure SCP provide an "onsite installation demonstration" to educate & provide understanding of CW System, thermal capabilities, Glass Spec, Drainage paths. etc.	

[redacted]

Chris Ward (RED Systems Ltd)

04/02/2025 10:58:04

WD countersign of HOLD POINT 2 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

13/02/2025 09:12:17

Check supply chain partner understands that all glass panes require Kitemarking to show type of glass.as per Willmott Dixon Glass Policy	Yes

Images



17/02/2025 10:49:01



17/02/2025 10:49:09



17/02/2025 10:49:19

Glass type as Approved Document N - Glazing Safety	Yes
Check the structural opening, and any intermediate structural bearing points are constructed to the correct dimensions to receive the system	Yes
Check that junctions and interfaces have been completed	Yes
Check all structural framework has been completed ready to receive the curtain walling system	Yes
HOLD POINT 3 - Pre-start checks completed	

[redacted]

Chris Ward (RED Systems Ltd)

04/02/2025 10:58:12

WD countersign of HOLD POINT 3 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

13/02/2025 15:42:49

During Construction	
Check CW Framework has been installed with all correct components	Yes

Images


13/02/2025 09:12:25


27/03/2025 13:05:27


27/03/2025 13:05:27


27/03/2025 13:05:28


27/03/2025 13:05:28


27/03/2025 13:05:28


27/03/2025 13:05:28


27/03/2025 13:05:29


27/03/2025 13:05:29


27/03/2025 13:05:29


27/03/2025 13:05:29


27/03/2025 13:05:30


27/03/2025 13:05:30


27/03/2025 13:05:30

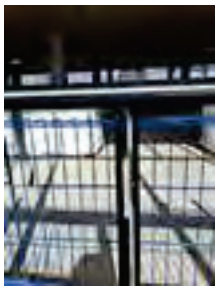

27/03/2025 13:05:30


27/03/2025 13:05:30


27/03/2025 13:05:31


27/03/2025 13:05:31


27/03/2025 13:05:31


27/03/2025 13:05:31


27/03/2025 13:05:32


27/03/2025 13:05:32


27/03/2025 13:05:32


27/03/2025 13:05:32


27/03/2025 13:05:33


27/03/2025 13:05:33


27/03/2025 13:05:33


27/03/2025 13:05:33


27/03/2025 13:05:33


27/03/2025 13:05:34


27/03/2025 13:05:34


27/03/2025 13:05:34


27/03/2025 13:05:34


27/03/2025 13:05:35


27/03/2025 13:05:35


27/03/2025 13:05:35


27/03/2025 13:05:35


27/03/2025 13:05:35


27/03/2025 13:05:36


27/03/2025 13:05:36


31/03/2025 08:36:17

HOLD POINT 4 - SCP to line, level & ensure CW Framework is plumb & fixed back to supporting structure. Ensure curtain wall frame is fully tightened at all mullion & transom intersections	

[redacted]

Chris Ward (RED Systems Ltd)

04/02/2025 10:58:17

WD countersign of HOLD POINT 4 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

13/02/2025 15:42:52

Prior to fitting Infill panels (Glazing, Louvres, Spandrel panels etc.)	
Check drainage paths are clear and internal channels are sealed correctly at the intersections of mullions and transoms.	Yes

Images


27/03/2025 13:01:49


27/03/2025 13:01:49


27/03/2025 13:01:49


27/03/2025 13:01:49


27/03/2025 13:01:50


27/03/2025 13:01:50


27/03/2025 13:01:50


27/03/2025 13:01:50


27/03/2025 13:01:50


27/03/2025 13:01:51

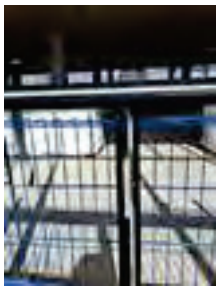

27/03/2025 13:01:51


27/03/2025 13:01:51


27/03/2025 13:01:51


27/03/2025 13:01:52


27/03/2025 13:01:52


27/03/2025 13:01:52


27/03/2025 13:01:52


27/03/2025 13:01:53


27/03/2025 13:01:53


27/03/2025 13:01:53


27/03/2025 13:01:53


27/03/2025 13:01:54


27/03/2025 13:01:54


27/03/2025 13:01:54

Check that any specified Expansion Joints are in place & correctly formed	Yes

Images


27/03/2025 13:06:09


27/03/2025 13:06:09


27/03/2025 13:06:10


14/04/2025 09:58:47

Check that glazing packers and junction isolators have been correctly installed	Yes
Check that any thermal breaks are fitted correctly	Yes
Check that the CW Framework has the specified gap to the Jambs, cills and head frame.	Yes

Check the mullion and transom joints are correctly formed and are tight fitting with no evident gaps for water ingress	Yes

Images

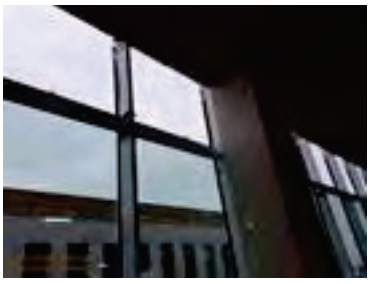

13/02/2025 09:09:26


13/02/2025 09:09:31


13/02/2025 09:09:38


13/02/2025 09:09:45


13/02/2025 09:09:51


13/02/2025 09:10:01


13/02/2025 09:10:09


13/02/2025 09:10:50


13/02/2025 09:11:00


12/04/2025 10:40:05


12/04/2025 10:40:10

Check that all drainage paths and slots are unblocked and correctly functioning	Yes

Images


27/03/2025 13:04:28


27/03/2025 13:04:28


27/03/2025 13:04:28


27/03/2025 13:04:29


27/03/2025 13:04:29


27/03/2025 13:04:29


27/03/2025 13:04:29


27/03/2025 13:04:30


27/03/2025 13:04:30


27/03/2025 13:04:30


27/03/2025 13:04:30


27/03/2025 13:04:31

Check all internal glazing gaskets have been correctly fitted and are not flipped or cut short.	Yes

Images


12/04/2025 10:40:19


12/04/2025 10:40:26


12/04/2025 10:40:30


12/04/2025 10:40:38


12/04/2025 10:40:48


12/04/2025 10:40:55

Check any secondary brackets are fitted correctly to the mullions (i.e. brise soleil etc.)	Yes

Images



27/03/2025 13:04:49



27/03/2025 13:04:49



27/03/2025 13:04:50



27/03/2025 13:04:50

Check all EPDM's are fitted and securely fixed to the perimeter of the CW Frame.	Yes
Check any Trickle Vents are installed to the Frame (if required)	Yes
HOLD POINT 5 - The checks indicated above completed	

[redacted]

Chris Ward (RED Systems Ltd)

04/02/2025 10:58:28

WD countersign of HOLD POINT 5 when complete	

Abi Belfield (Willmott Dixon Construction)

13/02/2025 18:07:55

Fitting Internal Glazing, Louvres and Spandrel Panels	
Ensure Glazing labels are checked for conformity with the Glazing Specification	Yes
Check the glass is fitted to the specified thickness and installed with correct the face out i.e. solar glass	Yes
Check the colour consistency of tinted or solar glass	Yes
Impact glass for edge damage, cracks and shells	Yes
Check to ensure the infill panels i.e. DGU's, Spandrel panels etc. are fitted the correct way round i.e. external face is fitted to the outside of the Building Fabric.	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.458	small bits of damage level 3 to insulation to be taped	12/04/2025 10:39:54	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



12/04/2025 10:39:54

Images



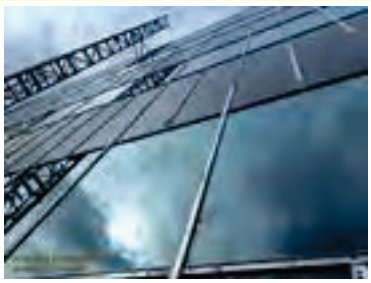
12/04/2025 10:41:09



12/04/2025 10:41:15

Check the Pressure Plates are correctly fixed to both transoms and mullions, and ensure the correct torque pressure is applied. Check gaskets are not "flipped" after Pressure Plates are fixed.	Yes

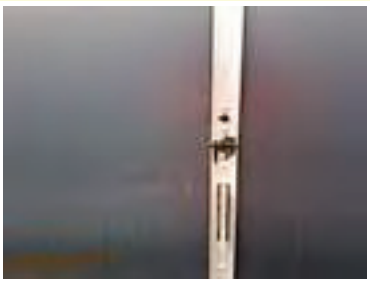
Images



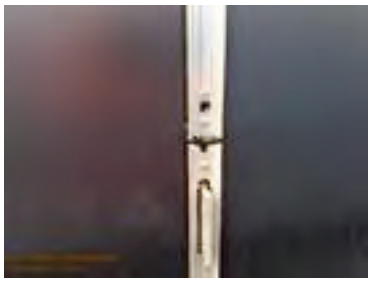
14/04/2025 15:53:46



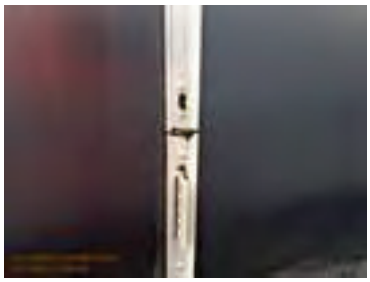
14/04/2025 15:53:52



14/04/2025 15:53:59



14/04/2025 15:54:03



14/04/2025 15:54:08



14/04/2025 15:54:30



14/04/2025 15:54:36

Check to ensure any "pressure equalisation" holes are fitted to Pressure Plates.	Yes

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.466	what's the mastic over fixing hole for? it's pre fab holes. is it compliant with raeynars	14/04/2025 16:21:33	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



14/04/2025 16:21:33

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.467	small gaps in mastic need sealing	14/04/2025 16:22:44	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



14/04/2025 16:22:44

Reference	Description	Date	Status	Issued To Package	Issued To Organisation
T421609.468	small gap between horizontal pressure plates and vertical plate seems excessive whats the maximum gap for raeynars system	14/04/2025 16:25:49	Opened	External Windows, Doors & Curtain Walling	RED Systems Ltd

Images



14/04/2025 16:25:49

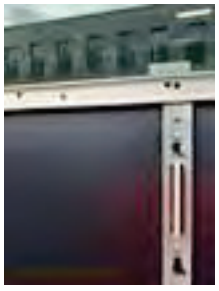


14/04/2025 16:25:49

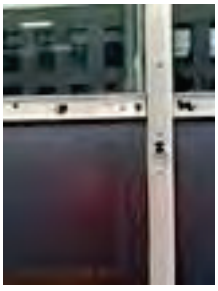
Images



14/04/2025 15:54:49

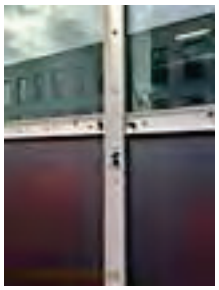


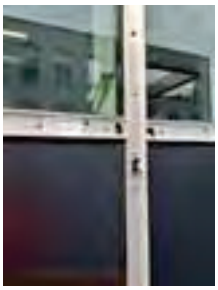
14/04/2025 16:20:18

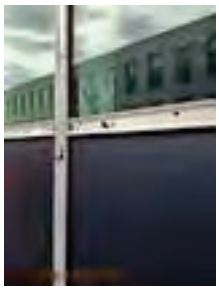


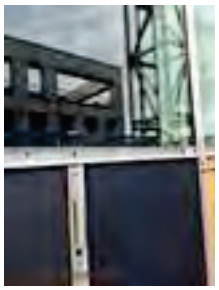
14/04/2025 16:20:19


14/04/2025 16:20:19


14/04/2025 16:20:19


14/04/2025 16:20:20


14/04/2025 16:20:20


14/04/2025 16:20:20


14/04/2025 16:20:20


14/04/2025 16:20:20

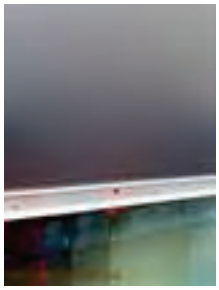

14/04/2025 16:20:21


14/04/2025 16:20:21

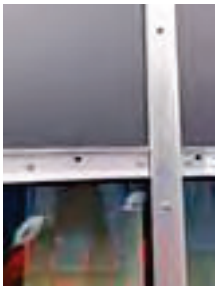

14/04/2025 16:20:21

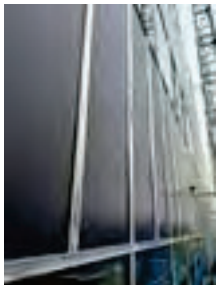

14/04/2025 16:20:21


14/04/2025 16:20:22


14/04/2025 16:20:22


14/04/2025 16:20:22


14/04/2025 16:20:22







14/04/2025 16:20:22



14/04/2025 16:20:23



14/04/2025 16:20:23



14/04/2025 16:20:23



14/04/2025 16:20:23



14/04/2025 16:20:24



14/04/2025 16:20:24



14/04/2025 16:20:24

14/04/2025 16:31:27

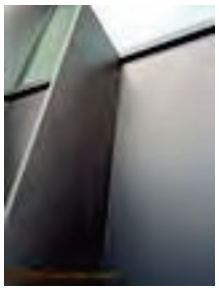
14/04/2025 16:31:39

Check all sills and drips have been installed as per drawings.	Yes
Check to ensure all EPDM/DPC'S remain intact.	Yes
Check Silicone seals are continuous and are pleasing to the eye.	Yes
Where windows and actuators occur within the system ensure that the system is correctly installed and operating effectively. All opening lights to close tight onto gaskets.	Yes
Finally check that the Pressure Plate Caps are correctly mitred and securely fitted to the Pressure Plates. Ensure all Cills and pressed metal items are securely fitted.	Yes

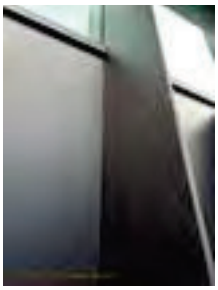
Images



29/05/2025 14:37:30

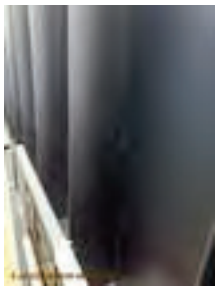


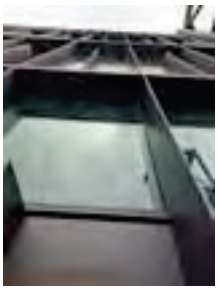
08/07/2025 08:29:05



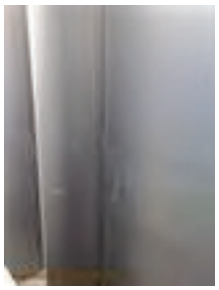
08/07/2025 08:29:05


08/07/2025 08:29:05


08/07/2025 08:29:05


08/07/2025 08:29:05


08/07/2025 08:29:06

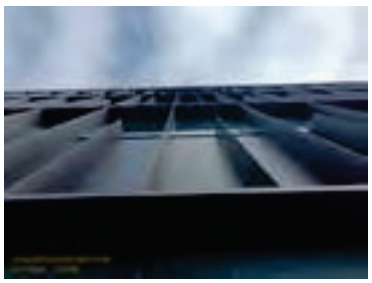

08/07/2025 08:29:06


08/07/2025 08:29:13


08/07/2025 08:31:19


24/09/2025 09:07:41


24/09/2025 09:07:48


24/09/2025 09:07:59


24/09/2025 09:08:04

HOLD POINT 6 - The checks indicated above completed	

[redacted]

Anthony Bowen (RED Systems Ltd)

24/09/2025 09:07:19

WD countersign of HOLD POINT 6 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

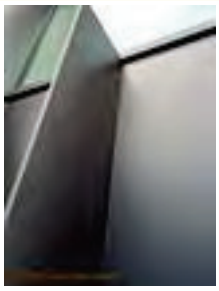
08/07/2025 08:31:39

Post Installation Checks	
Check holes or cuts carried out on site are clean, burr and swarf free so the area can be treated to prevent future corrosion of the material	N/A
Check that all specified testing to the CW has been carried out and is acceptable to all parties including the designer	Yes

Comments	Created By	Date
mast 11 water tested report on sgarepoint	Abi Belfield (Willmott Dixon Construction)	08/07/2025 08:31:57

Check Doors/Windows operate smoothly in the system and ironmongery is fitted correctly	N/A
Ensure all ironmongery works correctly and closes openings snugly	N/A
Ensure any necessary manifestation or specified film is applied to the glass. NB DGU are designed to accommodate film.	N/A
Check specified mastic sealants have been used with the correct thickness in a continuous bead of mastic	Yes

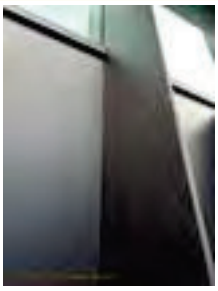
Images



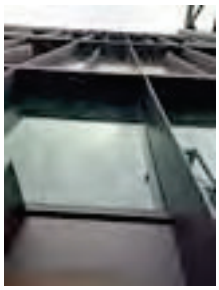
08/07/2025 08:32:32



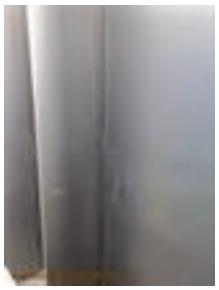
08/07/2025 08:32:32



08/07/2025 08:32:33



08/07/2025 08:32:33



08/07/2025 08:32:33



08/07/2025 08:32:40

Bespoke Items - Additional Hold Points/Additional Checks

#	Additional Hold Point	Additional check

Complete for Quality

#	Check Item	S/C Initial	WD Initial	Type of Evidence
1	Works adequately protected			
2	Work area cleaned			

Closure

All Evidence available & actions closed S/C	
All Evidence available & actions closed	
Date Closed	
Approval to pay	

QD Checklist-P1-Curtain Walling

Mast 9

Form Reference	F460259.63
Owned By	Chris Ward (RED Systems Ltd)
Date	04/02/2025 10:58:46
Status	Completed & Signed Off
Project Name	K00290 - Greenheys Building, Bruntwood
Location	Mast 9 CL - F>South Elevation>Curtain Wall - REDs>Facades>QUALITY DELIVERY

Form Location	Mast 9 CL - F
Supply Chain	RED Systems Ltd
Area of Works/Location	Mast 9

General

#	Work Section	Element	Date Planned	Date Accepted
1	External elevation works	Windows & Curtain Walling	04/02/2025	04/02/2025

Prepare and Plan

#	Check Item	No & Revision	S/C Initial	WD Initial
1	Confirm Specification	GRE-BDP-ZZ-XX-TX-A-02101	AB	AB
2	Confirm Drawing	See attached. GRE RED XX XX DR X 01106-230	AB	AB

#	Document Name	Created By	Date	
2	GRE-RED-XX-00-DR-X-03200_Curtain Wall Detail - Main Entrance - Head Detail_A5 Approved and accepted as Stage Complete_C03.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:01:44
2	GRE-RED-XX-00-DR-X-03201_Curtain Wall Detail - Main Entrance - Cill Detail_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:01:46
2	GRE-RED-XX-00-DR-X-03202_Curtain Wall Detail - Main Entrance - Jamb Detail_A5 Approved and accepted as Stage Complete_C03.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:01:50
2	GRE-RED-XX-00-DR-X-03203_Curtain Wall Detail - Main Entrance - Swing Door Jamb Details_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:01:51
2	GRE-RED-XX-00-DR-X-03204_Curtain Wall Detail - Main Entrance - Swing Door Head & Threshold Details_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:01:53
2	GRE-RED-XX-00-DR-X-03205_Curtain Wall Detail - Main Entrance - Revolving Door Details_A5 Approved and accepted as Stage Complete_C01.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:01:54
2	GRE-RED-XX-00-DR-X-03206_Curtain Wall Detail - Main Entrance - Revolving Door Details_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:01:56
2	GRE-RED-XX-00-DR-X-03207_Curtain Wall Detail - Main Entrance - Cill Detail_A5 Approved and accepted as Stage Complete_C01.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:01:58
2	GRE-RED-XX-XX-DR-X-01101_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# P1 & O_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:00
2	GRE-RED-XX-XX-DR-X-01102_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# O & N_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:03
2	GRE-RED-XX-XX-DR-X-01103_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# N & M_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:06
2	GRE-RED-XX-XX-DR-X-01104_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# M & L_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:09
2	GRE-RED-XX-XX-DR-X-01105_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# L & K_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:12

2	GRE-RED-XX-XX-DR-X-01106_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# K & J_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:14
2	GRE-RED-XX-XX-DR-X-01107_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# J & I_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:15
2	GRE-RED-XX-XX-DR-X-01108_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# I & H_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:17
2	GRE-RED-XX-XX-DR-X-01109_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# H & G_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:19
2	GRE-RED-XX-XX-DR-X-01110_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# G & F_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:20
2	GRE-RED-XX-XX-DR-X-01111_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# F & E_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:23
2	GRE-RED-XX-XX-DR-X-01112_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# E & D_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:25
2	GRE-RED-XX-XX-DR-X-01113_Curtain Wall Elevation Along Grid Line# 2 Between Grid Lines# D & C1_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:28
2	GRE-RED-XX-XX-DR-X-01114_Curtain Wall Elevation Curved Section Between Grid Lines# 2a & C1_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:29
2	GRE-RED-XX-XX-DR-X-03030_Curtain Wall Detail - System Prep and Mechanical Details - Sheet 1_A5 Approved and accepted as Stage Complete_C02.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:32
2	GRE-RED-XX-XX-DR-X-03031_Curtain Wall Detail - System Prep and Mechanical Details - Sheet 2_A5 Approved and accepted as Stage Complete_C01.pdf	Pdf	Abi Belfield (Willmott Dixon Construction)	13/02/2025 11:02:34

Apply & Control

Pre Installation Checks

SCP HOLD POINT 1 - If this work element requires the installation of any Cavity Barriers, the SCP & Site team must complete the specific QD checklist - Cavity Barriers - External	

[redacted]

Chris Ward (RED Systems Ltd)

04/02/2025 10:59:02

WD countersign of HOLD POINT 1 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

13/02/2025 15:43:10

Confirm Supply Chain proposed installation Spec & drawings comply with the Contract spec & are signed off by Principal Designer/Architect & Structural Engineer	Yes
Confirm installers have relevant competence and approval to install the system	Yes

SCP HOLD POINT 2 - Ensure SCP provide an "onsite installation demonstration" to educate & provide understanding of CW System, thermal capabilities, Glass Spec, Drainage paths. etc.	

[redacted]

Chris Ward (RED Systems Ltd)

04/02/2025 10:59:07

WD countersign of HOLD POINT 2 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

13/02/2025 15:43:12

Check supply chain partner understands that all glass panes require Kitemarking to show type of glass.as per Willmott Dixon Glass Policy	Yes

Images



17/02/2025 10:49:54



17/02/2025 10:50:09



17/02/2025 10:50:32



17/02/2025 10:50:39

Glass type as Approved Document N - Glazing Safety	Yes
Check the structural opening, and any intermediate structural bearing points are constructed to the correct dimensions to receive the system	Yes
Check that junctions and interfaces have been completed	Yes
Check all structural framework has been completed ready to receive the curtain walling system	Yes
HOLD POINT 3 - Pre-start checks completed	

[redacted]

Chris Ward (RED Systems Ltd)

04/02/2025 10:59:15

WD countersign of HOLD POINT 3 when complete	

[redacted]

Abi Belfield (Willmott Dixon Construction)

13/02/2025 15:43:17

During Construction	
Check CW Framework has been installed with all correct components	Yes

Images



17/02/2025 10:51:07



17/02/2025 10:51:12



17/02/2025 10:51:24



31/03/2025 08:35:47



08/04/2025 10:47:59



08/04/2025 10:48:04



12/04/2025 09:54:27



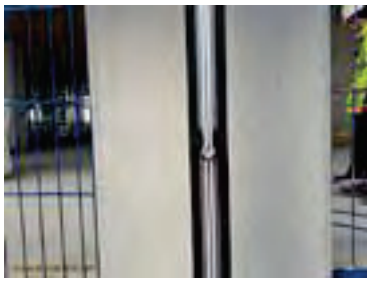
12/04/2025 09:54:27



12/04/2025 09:54:27



12/04/2025 09:54:28



12/04/2025 09:54:28



12/04/2025 09:54:29







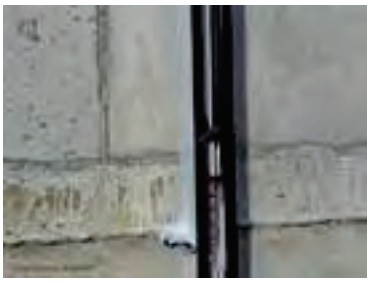
12/04/2025 09:54:29



12/04/2025 09:54:29



12/04/2025 09:54:30



12/04/2025 09:54:30



12/04/2025 09:54:30



12/04/2025 09:54:31



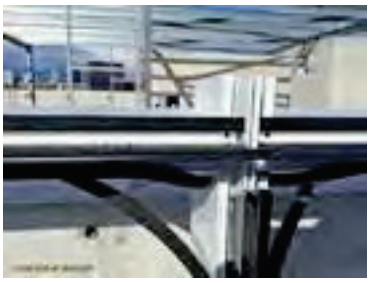
12/04/2025 09:54:31



12/04/2025 09:54:31



12/04/2025 09:54:32



12/04/2025 09:54:32

12/04/2025 09:54:33

12/04/2025 09:54:33

12/04/2025 09:54:33



12/04/2025 09:54:33



12/04/2025 09:54:34



12/04/2025 09:54:34



12/04/2025 09:54:35



12/04/2025 09:54:35









12/04/2025 09:54:35



12/04/2025 09:54:35



12/04/2025 09:54:36



12/04/2025 09:54:36



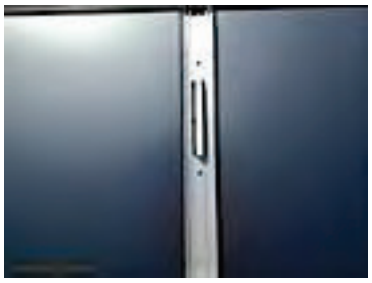
12/04/2025 09:54:37



12/04/2025 09:54:37



12/04/2025 09:54:37



12/04/2025 09:54:37



12/04/2025 09:54:38



12/04/2025 09:54:38

12/04/2025 09:54:39

12/04/2025 09:54:39

12/04/2025 09:54:39



12/04/2025 09:54:39



12/04/2025 09:54:40



12/04/2025 09:54:40



12/04/2025 09:54:40



12/04/2025 09:54:41







