

Developer Confirmation Report

Property Details: Lower Ground Fl 01

Address: Flat 1, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 0172451778
Date of assessment: 30 July 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 90.61

Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West

Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.92
Front French	Windows	0.7	0.85	4.8	5.19

Overshading: Average or unknown

Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
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Developer Confirmation Report

Comments:

Existing GF 1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment. 20

Materials Used:

Type: Name: Thickness: Conductivity: R-Value:
Comments:

Internal Elements (Area, Kappa)

Stud partitions 156.66 9

Comments:

Party Elements (Area, Kappa)

IWS-201 78.74 20

Comments:

Party Ceiling 115.64 20

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging (y=0.15) (y =0.15)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Developer Confirmation Report

Ventilation:

Pressure test: Yes (As built)
Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15 (Assessed dwelling is tested)

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convactor or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder

Developer Confirmation Report

Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: Lower Ground Fl 02

Address: Flat 2, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 8082451778
Date of assessment: 31 July 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 116.21
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Front Window	Windows	0.7	0.85	4.8	2.85
Rear Windows	Windows	0.7	0.85	4.8	2.38
Rear Window	Windows	0.7	0.85	4.8	2.34
Left Window	Windows	0.7	0.85	4.8	0.25

Overshading: Average or unknown

Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
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Developer Confirmation Report

Comments:

Existing GF 1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment. 20

Materials Used:

Type: Name: Thickness: Conductivity: R-Value:
Comments:

Internal Elements (Area, Kappa)

Stud partitions 156.66 9

Comments:

Party Elements (Area, Kappa)

IWS-201 73.38 20

Comments:

Party Ceiling 100.73 20

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging (y=0.15) (y =0.15)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Developer Confirmation Report

Ventilation:

Pressure test: Yes (As built)
Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15 (Assessed dwelling is tested)

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convactor or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder

Developer Confirmation Report

Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: Lower Ground Fl 03

Address: Flat 3, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 6382451778
Date of assessment: 31 July 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 88
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Front Window	Windows	0.7	0.85	4.8	2.34
Rear Windows	Windows	0.7	0.85	4.8	2.38
Front Window	Windows	0.7	0.85	4.8	2.85

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135
MBR-131	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	0

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
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Developer Confirmation Report

Comments:

Existing GF 1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment. 20

Materials Used:

Type: Name: Thickness: Conductivity: R-Value:
Comments:

Internal Elements (Area, Kappa)

Stud partitions 156.66 9

Comments:

Party Elements (Area, Kappa)

IWS-201 32.77 20

Comments:

Party Ceiling 138.08 20

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging (y=0.15) (y =0.15)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Developer Confirmation Report

Ventilation:

Pressure test: Yes (As built)
Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15 (Assessed dwelling is tested)

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convactor or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder

Developer Confirmation Report

Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: Lower Ground Fl 04

Address: Flat 4, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 1782451778
Date of assessment: 04 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 118.84
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: South East
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Left Window	Windows	0.7	0.85	4.8	2.78
Left Window	Windows	0.7	0.85	4.8	1.55

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135
IWS-201B	0.36 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	18
IWS-102 Thermal Lined	0.27 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	17

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
IWS-102 Thermal Lined	Internal Surface Resistance	0	0	0.13

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IWS-102 Thermal Lined	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-102 Thermal Lined	Speedline Thermal Laminate	37.5	0.022	1.7
IWS-102 Thermal Lined	Mineral Wool Quilt (0 mm)	70	0.035	2
IWS-102 Thermal Lined	Unventilated Cavity - (High Emissivity) (0 mm)	10	0	0.18
IWS-102 Thermal Lined	Brickwork Outer Leaf - BRE (102.5 mm)	102.5	0.77	0.13
IWS-102 Thermal Lined	External Surface Resistance	0	0	0.04
IWS-201B	Internal Surface Resistance	0	0	0.13
IWS-201B	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201B	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201B	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201B	Mineral Wool Quilt (0 mm)	25	0.042	0.6
IWS-201B	Polyurethane Board (0 mm)	40	0.02	2
IWS-201B	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201B	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201B	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201B	External Surface Resistance	0	0	0.04

Comments:

Existing GF 1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment. 20

Materials Used:

Type: Name: Thickness: Conductivity: R-Value:

Comments:

Internal Elements (Area, Kappa)

Stud partitions 68.62 9

Comments:

Party Elements (Area, Kappa)

Party Ceiling 121.06 20

Comments:

Thermal bridges:

Developer Confirmation Report

Thermal bridges:

No information on thermal bridging (y=0.15) (y =0.15)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test:

Yes (As built)

Ventilation:

Decentralised whole house extract

Number of fans in Wetroom: Kitchen 1 Other 2

Ductwork: ,

Approved Installation Scheme: True

Pressure test:

15 (Assessed dwelling is tested)

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system:

Room heaters

Electric (direct acting) room heaters

Fuel: Electricity

Info Source: Manufacturer Declaration

Manufacturer's data

Efficiency: 100.0%

Panel, convactor or radiant heaters

Comments:

Main heating Control:

Main heating Control:

Room thermostats only

Comments:

Secondary heating system:

Secondary heating system:

None

Comments:

Developer Confirmation Report

Water heating:

Water heating: Hot water cylinder
Cylinder volume: 180 litres
Cylinder insulation: Measured loss, 1.63kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff: Standard Tariff
Low energy lights: 100%
Terrain type: Low rise urban / suburban
Wind turbine: No
Photovoltaics: None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: Townhouse

Address: Flat 5, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 2766451778
Date of assessment: 04 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 181.36
Comments:

Property description:

Dwelling type: House
Detachment: End-terrace
Year Completed: 2020
Front of dwelling faces: North West
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Door to Corridor	Solid	0.7	0	1.4	2.06
Rear Window	Windows	0.7	0.85	4.8	3.77
Right French	Windows	0.7	0.85	4.8	4.9
Right Window	Windows	0.7	0.85	4.8	3.7
Rear 1F Window	Windows	0.7	0.85	4.8	4.57
Right 1F Window	Windows	0.7	0.85	4.8	2.39
Rear 2F	Windows	0.7	0.85	4.8	1.51
Right 2F	Windows	0.7	0.85	4.8	2.84

Overshading: Average or unknown
Comments:

Opaque Elements:

Type: U-Value: Kappa:

Developer Confirmation Report

External Elements

Existing Brick EW	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135
Wall to Stairs	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment.	17
IWS-201	0.36	Please provide the U-Value calculation to justify the U-Value entered into the assessment.	18

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
IWS-201	Internal Surface Resistance	0	0	0.13
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	25	0.042	0.6
IWS-201	Polyurethane Board (0 mm)	40	0.02	2
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Existing GF	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment.	20
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Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
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Comments:

Internal Elements (Area, Kappa)

Stud partitions	67.14	9
Solid Partitions	167.03	100

Comments:

Internal Ceiling	145.48	9
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Comments:

Internal Floor	145.48	18
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Comments:

Developer Confirmation Report

Party Elements (Area, Kappa)

IWS-201	75.83	20
Solid Party Wall	21.13	70
Comments:		

Party Ceiling	72.37	20
Comments:		

Thermal bridges:

Thermal bridges:	No information on thermal bridging (y=0.15) (y =0.15)
Comments:	

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test:	Yes (As built)
Ventilation:	Centralised whole house extract
	Number of wet rooms: Kitchen + 3
	Ductwork: , rigid
	Approved Installation Scheme: True
Pressure test:	15 (Assessed dwelling is tested)
Comments:	

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system:	Room heaters
	Electric (direct acting) room heaters
	Fuel: Electricity
	Info Source: Manufacturer Declaration
	Manufacturer's data
	Efficiency: 100.0%
	Panel, convector or radiant heaters
Comments:	

Developer Confirmation Report

Main heating Control:

Main heating Control:

Room thermostats only

Comments:

Secondary heating system:

Secondary heating system:

None

Comments:

Water heating:

Water heating:

Hot water cylinder
Cylinder volume: 210 litres
Cylinder insulation: Measured loss, 1.56kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:

Standard Tariff

Low energy lights:

100%

Terrain type:

Low rise urban / suburban

Wind turbine:

No

Photovoltaics:

None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:

Developer Confirmation Report

A handwritten signature in black ink, appearing to be 'emb@i', is written above a dotted line.

Date:

02.10.2020

Developer Confirmation Report

Property Details: Ground Fl 01

Address: Flat 6, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 6866451778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 113.61

Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West

Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.25
Front window	Windows	0.7	0.85	4.8	0.56

Overshading: Average or unknown

Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
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Developer Confirmation Report

Comments:

Ceiling to Corridor	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment.	9
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Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
Comments:				

Internal Elements (Area, Kappa)

Stud partitions	156.66	9
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Comments:

Party Elements (Area, Kappa)

IWS-201	78.87	20
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Comments:

Party Ceiling	119.22	20
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Comments:

Party Floor	126.85	30
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Comments:

Thermal bridges:

Developer Confirmation Report

Thermal bridges:

No information on thermal bridging (y=0.15) (y =0.15)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test:

No (Assumed)

Ventilation:

Centralised whole house extract

Number of wet rooms: Kitchen + 2

Ductwork: , rigid

Approved Installation Scheme: True

15

Pressure test:

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system:

Room heaters

Electric (direct acting) room heaters

Fuel: Electricity

Info Source: Manufacturer Declaration

Manufacturer's data

Efficiency: 100.0%

Panel, convactor or radiant heaters

Comments:

Main heating Control:

Main heating Control:

Room thermostats only

Comments:

Secondary heating system:

Secondary heating system:

None

Comments:

Developer Confirmation Report

Water heating:

Water heating: Hot water cylinder
Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff: Standard Tariff
Low energy lights: 100%
Terrain type: Low rise urban / suburban
Wind turbine: No
Photovoltaics: None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: Ground Fl 02

Address: Flat 7, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 7076451778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 111.36

Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West

Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Front Window	Windows	0.7	0.85	4.8	2.21
Rear Windows	Windows	0.7	0.85	4.8	2.26
Right Window	Windows	0.7	0.85	4.8	0.25

Overshading: Average or unknown

Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
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Developer Confirmation Report

Comments:

Internal Elements (Area, Kappa)

Stud partitions 156.66

9

Comments:

Party Elements (Area, Kappa)

IWS-201 82.69

20

Comments:

Party Ceiling 106.56

20

Comments:

Party Floor 106.56

30

Comments:

Thermal bridges:

Thermal bridges:

No information on thermal bridging ($\gamma=0.15$) ($\gamma=0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test:

Yes (As built)

Developer Confirmation Report

Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15 (Assessed dwelling is tested)

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder
Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day

Developer Confirmation Report

Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: Ground Fl 03

Address: Flat 8, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 1276451778
Date of assessment: 31 July 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 115.99

Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West

Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Front Window	Windows	0.7	0.85	4.8	3.83
Rear Windows	Windows	0.7	0.85	4.8	2.25
Front Window	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown

Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
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Developer Confirmation Report

Comments:

Internal Elements (Area, Kappa)

Stud partitions 156.66

9

Comments:

Party Elements (Area, Kappa)

IWS-201 38.44

20

Comments:

Party Ceiling 131.84

20

Comments:

Party Floor 131.84

30

Comments:

Thermal bridges:

Thermal bridges:

No information on thermal bridging ($\gamma=0.15$) ($\gamma=0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test:

Yes (As built)

Developer Confirmation Report

Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15 (Assessed dwelling is tested)

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder
Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day

Developer Confirmation Report

Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: Ground Fl 04

Address: Flat 9, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 4607451778
Date of assessment: 04 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 126.78
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: South East
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Left Window	Windows	0.7	0.85	4.8	2.82
Right Window	Windows	0.7	0.85	4.8	4.81
Right Window	Windows	0.7	0.85	4.8	2.75

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135
IWS-201B	0.36 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	18

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201B	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201B	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201B	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201B	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201B	Mineral Wool Quilt (0 mm)	25	0.042	0.6
IWS-201B	Polyurethane Board (0 mm)	40	0.02	2
IWS-201B	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201B	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201B	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201B	External Surface Resistance	0	0	0.04

Comments:

Internal Elements (Area, Kappa)

Stud partitions 68.62 9

Comments:

Party Elements (Area, Kappa)

Party Ceiling 123.56 20

Comments:

Party Floor 123.56 30

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging (y=0.15) (y =0.15)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test: Yes (As built)

Developer Confirmation Report

Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15 (Assessed dwelling is tested)

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder
Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day

Developer Confirmation Report

Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:


.....

Date:

02.10.2020
.....

Developer Confirmation Report

Property Details: First Fl 01

Address: Flat 10, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 5807451778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 109.33
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 135
IWS-201	0.49	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 18

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Ceiling to Corridor 1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment. 9

Materials Used:

Type: Name: Thickness: Conductivity: R-Value:
Comments:

Internal Elements (Area, Kappa)

Stud partitions 156.66 9

Comments:

Party Elements (Area, Kappa)

IWS-201 67.54 20

Comments:

Party Ceiling 86.82 20

Comments:

Party Floor 87.31 30

Comments:

Developer Confirmation Report

Thermal bridges:

Thermal bridges: No information on thermal bridging ($y=0.15$) ($y =0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test: No (Assumed)

Ventilation: Centralised whole house extract

Number of wet rooms: Kitchen + 1

Ductwork: , rigid

Approved Installation Scheme: True

Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convactor or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Developer Confirmation Report

Comments:

Water heating:

Water heating: Hot water cylinder
Cylinder volume: 120 litres
Cylinder insulation: Measured loss, 1.03kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff: Standard Tariff
Low energy lights: 100%
Terrain type: Low rise urban / suburban
Wind turbine: No
Photovoltaics: None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:


.....

Date:

02.10.2020
.....

Developer Confirmation Report

Property Details: First Fl 02

Address: Flat 11, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 9907451778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 111.09
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: South West
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Right Windows	Windows	0.7	0.85	4.8	2.25
Left	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135
IWS-201	0.49 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	18

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Ceiling to Corridor 1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment. 9

Materials Used:

Type: Name: Thickness: Conductivity: R-Value:

Comments:

Internal Elements (Area, Kappa)

Stud partitions 143.91 9

Comments:

Party Elements (Area, Kappa)

IWS-201 67 20

Comments:

Party Ceiling 100.3 20

Comments:

Party Floor 111.01 30

Comments:

Developer Confirmation Report

Thermal bridges:

Thermal bridges: No information on thermal bridging ($y=0.15$) ($y =0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test: No (Assumed)

Ventilation: Centralised whole house extract

Number of wet rooms: Kitchen + 2

Ductwork: , rigid

Approved Installation Scheme: True

Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Developer Confirmation Report

Comments:

Water heating:

Water heating:

Hot water cylinder
Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff: Standard Tariff
Low energy lights: 100%
Terrain type: Low rise urban / suburban
Wind turbine: No
Photovoltaics: None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: First Fl 03

Address: Flat 12, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 0217451778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 140.6
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 135
IWS-201	0.49	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 18

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Internal Elements (Area, Kappa)

Stud partitions 143.91 9

Comments:

Party Elements (Area, Kappa)

IWS-201 49.41 20

Comments:

Party Ceiling 75.01 20

Comments:

Party Floor 75.01 30

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging ($\gamma=0.15$) ($\gamma=0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Developer Confirmation Report

Ventilation:

Pressure test: No (Assumed)
Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder

Developer Confirmation Report

Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: First Fl 04

Address: Flat 13, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 7217451778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 144.14
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: South East
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 135
IWS-201	0.49	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 18

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Internal Elements (Area, Kappa)

Stud partitions 130.55 9

Comments:

Party Elements (Area, Kappa)

IWS-201 46.72 20

Comments:

Party Ceiling 77.86 20

Comments:

Party Floor 77.86 30

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging ($\gamma=0.15$) ($\gamma=0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Developer Confirmation Report

Ventilation:

Pressure test: No (Assumed)
Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder

Developer Confirmation Report

Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: First Fl 05

Address: Flat 14, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 1417451778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 128.33

Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North East

Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.83
Front Windows	Windows	0.7	0.85	4.8	3.96

Overshading: Average or unknown

Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
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Developer Confirmation Report

Comments:

Floor to Corridor 1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment. 20

Materials Used:

Type: Name: Thickness: Conductivity: R-Value:
Comments:

Internal Elements (Area, Kappa)

Stud partitions 188.29 9

Comments:

Party Elements (Area, Kappa)

IWS-201 20.74 20

Comments:

Party Floor 164 20

Comments:

Party Floor 77.86 30

Comments:

Thermal bridges:

Developer Confirmation Report

Thermal bridges:

No information on thermal bridging (y=0.15) (y =0.15)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test:

Yes (As built)

Ventilation:

Centralised whole house extract

Number of wet rooms: Kitchen + 2

Ductwork: , rigid

Approved Installation Scheme: True

Pressure test:

15 (Assessed dwelling is tested)

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system:

Room heaters

Electric (direct acting) room heaters

Fuel: Electricity

Info Source: Manufacturer Declaration

Manufacturer's data

Efficiency: 100.0%

Panel, convactor or radiant heaters

Comments:

Main heating Control:

Main heating Control:

Room thermostats only

Comments:

Secondary heating system:

Secondary heating system:

None

Comments:

Developer Confirmation Report

Water heating:

Water heating: Hot water cylinder
Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff: Standard Tariff
Low energy lights: 100%
Terrain type: Low rise urban / suburban
Wind turbine: No
Photovoltaics: None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: Second Fl 01

Address: Flat 15, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 5517451778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 150.98
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North East
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.14
Left Windows	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135
IWS-201	0.49 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	18
Existing Brick - To 'flat'	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	150

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Floor to Corridor 1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment. 20

Materials Used:

Type: Name: Thickness: Conductivity: R-Value:
Comments:

Internal Elements (Area, Kappa)

Stud partitions 136.85 9

Comments:

Party Elements (Area, Kappa)

IWS-201 42.39 20

Comments:

Party Ceiling 106.83 20

Comments:

Party Floor 105.21 30

Comments:

Developer Confirmation Report

Thermal bridges:

Thermal bridges: No information on thermal bridging ($y=0.15$) ($y =0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test: Yes (As built)

Ventilation: Centralised whole house extract

Number of wet rooms: Kitchen + 2

Ductwork: , rigid

Approved Installation Scheme: True

Pressure test: 15 (Assessed dwelling is tested)

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convactor or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Developer Confirmation Report

Comments:

Water heating:

Water heating: Hot water cylinder
Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff: Standard Tariff
Low energy lights: 100%
Terrain type: Low rise urban / suburban
Wind turbine: No
Photovoltaics: None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:

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Date:

02.10.2020.....

Developer Confirmation Report

Property Details: Second Fl 02

Address: Flat 16, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 9617451778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 101.92
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 135
IWS-201	0.49	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 18

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Floor to Corridor 1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment. 20

Materials Used:

Type: Name: Thickness: Conductivity: R-Value:
Comments:

Internal Elements (Area, Kappa)

Stud partitions 119.82 9

Comments:

Party Elements (Area, Kappa)

IWS-201 82.43 20

Comments:

Party Ceiling 104.5 20

Comments:

Party Floor 102.05 30

Comments:

Developer Confirmation Report

Thermal bridges:

Thermal bridges: No information on thermal bridging ($y=0.15$) ($y =0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test: No (Assumed)

Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True

Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convactor or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Developer Confirmation Report

Comments:

Water heating:

Water heating: Hot water cylinder
Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff: Standard Tariff
Low energy lights: 100%
Terrain type: Low rise urban / suburban
Wind turbine: No
Photovoltaics: None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02:10:2020

Developer Confirmation Report

Property Details: Second Fl 03

Address: Flat 17, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 6717451778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 124.27
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
second door	Solid	0.7	0	1.4	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2	135
IWS-201	0.49	18

Please provide the U-Value calculation to justify the U-Value entered into the assessment.

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Floor to Corridor 1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment. 20

Materials Used:

Type: Name: Thickness: Conductivity: R-Value:
Comments:

Internal Elements (Area, Kappa)

Stud partitions 119.82 9

Comments:

Party Elements (Area, Kappa)

IWS-201 103.9 20

Comments:

Party Ceiling 114.96 20

Comments:

Party Floor 113.76 30

Comments:

Developer Confirmation Report

Thermal bridges:

Thermal bridges: No information on thermal bridging ($y=0.15$) ($y =0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test: No (Assumed)

Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True

Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convactor or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Developer Confirmation Report

Comments:

Water heating:

Water heating: Hot water cylinder
Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff: Standard Tariff
Low energy lights: 100%
Terrain type: Low rise urban / suburban
Wind turbine: No
Photovoltaics: None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:


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Date:

02.10.2020
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Developer Confirmation Report

Property Details: Second Fl 04

Address: Flat 18, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 1127451778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 2123.51
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: South East
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	3	2.06
second door	Solid	0.7	0	1.4	2.06
Left Windows	Windows	0.7	0.85	4.8	2.25
Front Window	Windows	0.7	0.85	4.8	0.25
Rear Window	Windows	0.7	0.85	4.8	0.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135
IWS-201	0.49 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	18

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Internal Elements (Area, Kappa)

Stud partitions 119.82 9

Comments:

Party Elements (Area, Kappa)

IWS-201 63.86 20

Comments:

Party Ceiling 9089 20

Comments:

Party Floor 90.89 30

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging ($\gamma=0.15$) ($\gamma=0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Developer Confirmation Report

Ventilation:

Pressure test: No (Assumed)
Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder

Developer Confirmation Report

Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:

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Date:

02.10.2020.....

Developer Confirmation Report

Property Details: Third FI 01

Address: Flat 19, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 5444651778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 122
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North East
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	1.4	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.14
Left Windows	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 135
IWS-201	0.49	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 18

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Internal Elements (Area, Kappa)

Stud partitions 136.85 9

Comments:

Party Elements (Area, Kappa)

IWS-201 66.33 20

Comments:

Party Ceiling 106.83 20

Comments:

Party Floor 106.83 30

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging ($\gamma=0.15$) ($\gamma=0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Developer Confirmation Report

Ventilation:

Pressure test: No (Assumed)
Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convactor or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder

Developer Confirmation Report

Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: Third FI 02

Address: Flat 20, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 6090171778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 102.15
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	1.4	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 135
IWS-201	0.49	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 18

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Internal Elements (Area, Kappa)

Stud partitions 119.82 9

Comments:

Party Elements (Area, Kappa)

IWS-201 82.43 20

Comments:

Party Ceiling 104.5 20

Comments:

Party Floor 104.5 30

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging ($\gamma=0.15$) ($\gamma=0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Developer Confirmation Report

Ventilation:

Pressure test: No (Assumed)
Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder

Developer Confirmation Report

Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: Third FI 03

Address: Flat 21, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 5590171778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 124.37
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	1.4	2.06
second door	Solid	0.7	0	1.4	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 135
IWS-201	0.49	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 18

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Internal Elements (Area, Kappa)

Stud partitions 119.82 9

Comments:

Party Elements (Area, Kappa)

IWS-201 103.9 20

Comments:

Party Ceiling 114.96 20

Comments:

Party Floor 114.96 30

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging ($\gamma=0.15$) ($\gamma=0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Developer Confirmation Report

Ventilation:

Pressure test: No (Assumed)
Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder

Developer Confirmation Report

Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:

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Date:

02.10.2020.....

Developer Confirmation Report

Property Details: Third FI 04

Address: Flat 22, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 8101171778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 2123.51

Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: South East

Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	1.4	2.06
second door	Solid	0.7	0	1.4	2.06
Left Windows	Windows	0.7	0.85	4.8	2.25
Front Window	Windows	0.7	0.85	4.8	0.25
Rear Window	Windows	0.7	0.85	4.8	0.25

Overshading: Average or unknown

Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135
IWS-201	0.49 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	18

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Internal Elements (Area, Kappa)

Stud partitions 119.82 9

Comments:

Party Elements (Area, Kappa)

IWS-201 63.86 20

Comments:

Party Ceiling 9089 20

Comments:

Party Floor 90.89 30

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging ($\gamma=0.15$) ($\gamma=0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Developer Confirmation Report

Ventilation:

Pressure test: No (Assumed)
Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 1
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder

Developer Confirmation Report

Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: Third FI 05

Address: Flat 23, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 8221171778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 139.15
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North East
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	1.4	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.83
Front Windows	Windows	0.7	0.85	4.8	3.96

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
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Developer Confirmation Report

Comments:

Internal Elements (Area, Kappa)

Stud partitions 188.29

9

Comments:

Party Elements (Area, Kappa)

IWS-201 20.74

20

Comments:

Party Floor 164

20

Comments:

Party Floor 164

30

Comments:

Thermal bridges:

Thermal bridges:

No information on thermal bridging ($\gamma=0.15$) ($\gamma=0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test:

No (Assumed)

Developer Confirmation Report

Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 3
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15
Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder
Cylinder volume: 210 litres
Cylinder insulation: Measured loss, 1.56kWh/day

Developer Confirmation Report

Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

02.10.2020

Developer Confirmation Report

Property Details: Fourth Fl 01

Address: Flat 24, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 2251171778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 121.67
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North East
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	1.4	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.14
Left Windows	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 135
IWS-201	0.49	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 18

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Ceiling to Corridor 1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment. 9

Materials Used:

Type: Name: Thickness: Conductivity: R-Value:
Comments:

Internal Elements (Area, Kappa)

Stud partitions 136.85 9

Comments:

Party Elements (Area, Kappa)

IWS-201 66.33 20

Comments:

Party Ceiling 103.57 20

Comments:

Party Floor 106.83 30

Comments:

Developer Confirmation Report

Thermal bridges:

Thermal bridges: No information on thermal bridging ($y=0.15$) ($y =0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test: No (Assumed)

Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True

Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convactor or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Developer Confirmation Report

Comments:

Water heating:

Water heating: Hot water cylinder
Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff: Standard Tariff
Low energy lights: 100%
Terrain type: Low rise urban / suburban
Wind turbine: No
Photovoltaics: None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:


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Date:

02.10.2020
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Developer Confirmation Report

Property Details: Fourth Fl 02

Address: Flat 25, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 6351171778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 102.15
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	1.4	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 135
IWS-201	0.49	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 18

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Internal Elements (Area, Kappa)

Stud partitions 119.82 9

Comments:

Party Elements (Area, Kappa)

IWS-201 82.43 20

Comments:

Party Ceiling 104.5 20

Comments:

Party Floor 104.5 30

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging (y=0.15) (y =0.15)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Developer Confirmation Report

Ventilation:

Pressure test: No (Assumed)
Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder

Developer Confirmation Report

Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:


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Date:

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Developer Confirmation Report

Property Details: Fourth Fl 03

Address: Flat 26, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 9951171778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 124.8
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	1.4	2.06
second door	Solid	0.7	0	1.4	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2	135
IWS-201	0.49	18

Please provide the U-Value calculation to justify the U-Value entered into the assessment.

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Floor to Corridor 1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment. 20

Materials Used:

Type: Name: Thickness: Conductivity: R-Value:
Comments:

Internal Elements (Area, Kappa)

Stud partitions 119.82 9

Comments:

Party Elements (Area, Kappa)

IWS-201 103.9 20

Comments:

Party Ceiling 114.96 20

Comments:

Party Floor 114.96 30

Comments:

Developer Confirmation Report

Thermal bridges:

Thermal bridges: No information on thermal bridging ($y=0.15$) ($y =0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test: No (Assumed)

Ventilation: Centralised whole house extract

Number of wet rooms: Kitchen + 2

Ductwork: , rigid

Approved Installation Scheme: False

Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Developer Confirmation Report

Comments:

Water heating:

Water heating:	Hot water cylinder
	Cylinder volume: 150 litres
	Cylinder insulation: Measured loss, 1.27kWh/day
	Primary pipework insulation: False
	Cylinderstat: True
	Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:


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Date:

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Developer Confirmation Report

Property Details: Fourth Fl 04

Address: Flat 27, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 1461171778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 2123.51

Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: South East

Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	1.4	2.06
second door	Solid	0.7	0	1.4	2.06
Left Windows	Windows	0.7	0.85	4.8	2.25
Front Window	Windows	0.7	0.85	4.8	0.25
Rear Window	Windows	0.7	0.85	4.8	0.25

Overshading: Average or unknown

Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
<u>External Elements</u>		
Existing Brick EW	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 135
IWS-201	0.49	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 18

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Internal Elements (Area, Kappa)

Stud partitions 119.82 9

Comments:

Party Elements (Area, Kappa)

IWS-201 63.86 20

Comments:

Party Ceiling 9089 20

Comments:

Party Floor 90.89 30

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging ($\gamma=0.15$) ($\gamma=0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Developer Confirmation Report

Ventilation:

Pressure test: No (Assumed)
Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only

Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder

Developer Confirmation Report

Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date:

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Developer Confirmation Report

Property Details: Fourth Fl 05

Address: Flat 28, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 8461171778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 139.15
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North East
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	1.4	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.83
Front Windows	Windows	0.7	0.85	4.8	3.96

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
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Developer Confirmation Report

Comments:

Internal Elements (Area, Kappa)

Stud partitions 188.29

9

Comments:

Party Elements (Area, Kappa)

IWS-201 20.74

20

Comments:

Party Floor 164

20

Comments:

Party Floor 164

30

Comments:

Thermal bridges:

Thermal bridges:

No information on thermal bridging ($\gamma=0.15$) ($\gamma=0.15$)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test:

No (Assumed)

Developer Confirmation Report

Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True
Pressure test: 15
Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Main heating Control:

Main heating Control: Room thermostats only
Comments:

Secondary heating system:

Secondary heating system: None

Comments:

Water heating:

Water heating: Hot water cylinder
Cylinder volume: 210 litres
Cylinder insulation: Measured loss, 1.56kWh/day

Developer Confirmation Report

Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:	Standard Tariff
Low energy lights:	100%
Terrain type:	Low rise urban / suburban
Wind turbine:	No
Photovoltaics:	None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:

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Date:

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Developer Confirmation Report

Property Details: Fifth Fl 01

Address: Flat 29, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 2781171778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 58.48
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North West
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	1.4	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.25
Right Windows	Windows	0.7	0.85	4.8	2.25

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2	135
IWS-201	0.49	18

Please provide the U-Value calculation to justify the U-Value entered into the assessment.

Materials Used:	Name:	Thickness:	Conductivity:	R-Value:
Type:				
IWS-201	Internal Surface Resistance	0	0	0.13

Developer Confirmation Report

IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04

Comments:

Roof	0.21	Please provide the U-Value calculation to justify the U-Value entered into the assessment.	9
Decorative Ceiling	0.15	Please provide the U-Value calculation to justify the U-Value entered into the assessment.	9

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
Roof	Internal Surface Resistance	0	0	0.1
Roof	Plasterboard Standard (0 mm)	15	0.21	0.07
Roof	Phenolic Foam Board (0 mm)	50	0.021	2.38
Roof	Mineral Wool Quilt (0 mm)	100	0.04	2.5
Roof	Unventilated Cavity - (High Emissivity) (0 mm)	50	0	0.18
Roof	Tiles (Clay) (0 mm)	10	1	0.01
Roof	External Surface Resistance	0	0	0.04

Comments:

Floor to Corridor	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment.	20
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Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
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Comments:

Internal Elements (Area, Kappa)

Stud partitions	221		9
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Comments:

Developer Confirmation Report

Party Elements (Area, Kappa)

IWS-201 40.69

20

Comments:

Party Floor 206.04

30

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging (y=0.15) (y =0.15)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test: Yes (As built)

Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 2
Ductwork: , rigid
Approved Installation Scheme: True

Pressure test: 15 (Assessed dwelling is tested)

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Developer Confirmation Report

Main heating Control:

Main heating Control:

Room thermostats only

Comments:

Secondary heating system:

Secondary heating system:

None

Comments:

Water heating:

Water heating:

Hot water cylinder
Cylinder volume: 150 litres
Cylinder insulation: Measured loss, 1.27kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:

Standard Tariff

Low energy lights:

100%

Terrain type:

Low rise urban / suburban

Wind turbine:

No

Photovoltaics:

None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:

Developer Confirmation Report

emb@i

Date:

Developer Confirmation Report

Property Details: Fifth Fl 02

Address: Flat 30, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 7091171778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 111.5

Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: South West

Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	1.4	2.06
Rear Door	Solid	0.7	0	1.4	2.06
Right Windows	Windows	0.7	0.85	4.8	2.25
Left Windows	Windows	0.7	0.85	4.8	2.25
Front Window	Windows	0.7	0.85	4.8	0.26
Rear window	Windows	0.7	0.63	1.5	0.26

Overshading: Average or unknown

Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
<u>External Elements</u>		
Existing Brick EW	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 135
IWS-201	0.49	Please provide the U-Value calculation to justify the U-Value entered into the assessment. 18

Developer Confirmation Report

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
IWS-201	Internal Surface Resistance	0	0	0.13
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Unventilated Cavity - (High Emissivity) (0 mm)	15	0	0.18
IWS-201	Mineral Wool Quilt (0 mm)	50	0.042	1.19
IWS-201	Unventilated Cavity - (Wall - Low Emissivity) (0 mm)	15	0	0.44
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	Plasterboard Standard (0 mm)	12.5	0.19	0.07
IWS-201	External Surface Resistance	0	0	0.04
Comments:				

Roof	0.21	Please provide the U-Value calculation to justify the U-Value entered into the assessment.	9
Decorative Ceiling	0.15	Please provide the U-Value calculation to justify the U-Value entered into the assessment.	9

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
Roof	Internal Surface Resistance	0	0	0.1
Roof	Plasterboard Standard (0 mm)	15	0.21	0.07
Roof	Phenolic Foam Board (0 mm)	50	0.021	2.38
Roof	Mineral Wool Quilt (0 mm)	100	0.04	2.5
Roof	Unventilated Cavity - (High Emissivity) (0 mm)	50	0	0.18
Roof	Tiles (Clay) (0 mm)	10	1	0.01
Roof	External Surface Resistance	0	0	0.04
Comments:				

Floor to Corridor	1.2	Please provide the U-Value calculation to justify the U-Value entered into the assessment.	20
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Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
Comments:				

Internal Elements (Area, Kappa)

Stud partitions	221		9
Comments:			

Developer Confirmation Report

Party Elements (Area, Kappa)

IWS-201 40.69

20

Comments:

Party Floor 236.83

30

Comments:

Thermal bridges:

Thermal bridges: No information on thermal bridging (y=0.15) (y =0.15)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test: Yes (As built)

Ventilation: Centralised whole house extract
Number of wet rooms: Kitchen + 3
Ductwork: , rigid
Approved Installation Scheme: True

Pressure test: 15 (Assessed dwelling is tested)

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system: Room heaters
Electric (direct acting) room heaters
Fuel: Electricity
Info Source: Manufacturer Declaration
Manufacturer's data
Efficiency: 100.0%
Panel, convector or radiant heaters

Comments:

Developer Confirmation Report

Main heating Control:

Main heating Control:

Room thermostats only

Comments:

Secondary heating system:

Secondary heating system:

None

Comments:

Water heating:

Water heating:

Hot water cylinder
Cylinder volume: 210 litres
Cylinder insulation: Measured loss, 1.56kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff:

Standard Tariff

Low energy lights:

100%

Terrain type:

Low rise urban / suburban

Wind turbine:

No

Photovoltaics:

None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:

Developer Confirmation Report

emb@i

Date:

Developer Confirmation Report

Property Details: Fifth Fl 03

Address: Flat 31, 1, Binns Place, MANCHESTER, M4 5BY
Located in: England
Region: West Pennines
UPRN: 5391171778
Date of assessment: 05 August 2020
Date of certificate: 03 September 2020
Assessment type: New dwelling as built
Transaction type: New dwelling
Thermal Mass Parameter: Calculated 130.55
Comments:

Property description:

Dwelling type: Flat
Detachment:
Year Completed: 2020
Front of dwelling faces: North East
Comments:

Opening types:

Name:	Type:	Frame Factor:	g-value:	U-Value:	Area:
Front Door	Solid	0.7	0	1.4	2.06
second door	Solid	0.7	0	1.4	2.06
Rear Windows	Windows	0.7	0.85	4.8	2.83
Front Windows	Windows	0.7	0.85	4.8	3.96

Overshading: Average or unknown
Comments:

Opaque Elements:

Type:	U-Value:	Kappa:
External Elements		
Existing Brick EW	1.2 Please provide the U-Value calculation to justify the U-Value entered into the assessment.	135
Materials Used:		
Type:	Name:	Thickness: Conductivity: R-Value:

Developer Confirmation Report

Comments:

Roof	0.21	Please provide the U-Value calculation to justify the U-Value entered into the assessment.	9
Decorative Ceiling	0.15	Please provide the U-Value calculation to justify the U-Value entered into the assessment.	9

Materials Used:

Type:	Name:	Thickness:	Conductivity:	R-Value:
Roof	Internal Surface Resistance	0	0	0.1
Roof	Plasterboard Standard (0 mm)	15	0.21	0.07
Roof	Phenolic Foam Board (0 mm)	50	0.021	2.38
Roof	Mineral Wool Quilt (0 mm)	100	0.04	2.5
Roof	Unventilated Cavity - (High Emissivity) (0 mm)	50	0	0.18
Roof	Tiles (Clay) (0 mm)	10	1	0.01
Roof	External Surface Resistance	0	0	0.04

Comments:

Internal Elements (Area, Kappa)

Stud partitions	188.29	9
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Comments:

Party Elements (Area, Kappa)

IWS-201	20.74	20
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Comments:

Party Floor	164	30
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Comments:

Thermal bridges:

Developer Confirmation Report

Thermal bridges:

No information on thermal bridging (y=0.15) (y =0.15)

Comments:

If specific construction details have been adopted then please provide the associated checklists; signed and dated.

Ventilation:

Pressure test:

No (Assumed)

Ventilation:

Centralised whole house extract

Number of wet rooms: Kitchen + 3

Ductwork: , rigid

Approved Installation Scheme: True

15

Pressure test:

Comments:

Please provide the pressure test certificate, or certificates if the result is based on an average; signed and dated.

Main heating system:

Main heating system:

Room heaters

Electric (direct acting) room heaters

Fuel: Electricity

Info Source: Manufacturer Declaration

Manufacturer's data

Efficiency: 100.0%

Panel, convactor or radiant heaters

Comments:

Main heating Control:

Main heating Control:

Room thermostats only

Comments:

Secondary heating system:

Secondary heating system:

None

Comments:

Developer Confirmation Report

Water heating:

Water heating: Hot water cylinder
Cylinder volume: 210 litres
Cylinder insulation: Measured loss, 1.56kWh/day
Primary pipework insulation: False
Cylinderstat: True
Cylinder in heated space: True

Comments:

Solar panel: False

Others:

Electricity tariff: Standard Tariff
Low energy lights: 100%
Terrain type: Low rise urban / suburban
Wind turbine: No
Photovoltaics: None

Comments:

Please provide the MCS certificate or data sheet equivalent confirming the size of the array on the roof. This should include any calculations to support a proportioned amount included in the assessment.

Declaration :

I confirm that the property has been built to the above specification.

Signed:



Date: