

Systems:
Technal MX 52 fully capped curtain wall.
Technal FY65 open in windows.
Commercial swing doors.
Sliding doors - **TBA**

TBA

PPC Finish:
60 micron polyester powder coat.

PPC Colour: MOTEL
RAL 7006 matt Grey externally.
RAL 9016 matt White internally.

PPC Colour: STAYCITY
RAL 7006 matt Grey externally.
RAL 9016 matt White internally.
PPC Colour: STAYCITY RECEPTION
RAL 7006 matt Grey externally.
RAL 7016 matt Grey internally.

U Value:
weighted average 1.6W/m2K

Pressings:
2mm thick aluminium pressed aluminium flashing
(unless noted otherwise). To match external finish or
internal finish as applicable.

Seals:
Perimeter external seals to be colour - **PORTLAND-
arboasil LM** or FA880 - see data sheet **TBC**
Polyrod - see data sheet 400-831
TP651 - see data sheet 400-832
SP510 - see data sheet 400-833

TBA

Trickle Vents:
Non - Applicable.

Fire Rating:
None of the frames, glass or any other items within
RED scope is fire rated (except the fire stop).

Fire Stop: (see tech sheet 400-820)
Where required, by RED, is to be 120minute

Louvres:
info to be added when applicable area drawn (grd fir
curtain wall areas)

FIXINGS:
external fixings where visible to have colour matched
heads.
internal fixings to be s/s.

BRACKETS / LUGS:
PPC for protection (for those fitted at yard).

Hardware and Operation: MOTEL

open in windows - side hung manual windows:
operating gear, hinges (**standard white**), std concealed
multipoint locking operated by a **standard white** colour
non locking handle, PERMANANT 100mm (max clear)
restrictor (**FABRICATION NOTE: set to suit detail
2/313!!**)

Hardware and Operation: WT08x

open in windows - side hung ONLY manual windows
(utilising tilt turn gear):
operating gear, hinges (**standard white**), std concealed
multipoint **KEY** locking operated by a **standard white**
colour handle.

SBD enhancement where SBD indicated.

Door WT13: (staycity reception) - SBD
Butt Hinges and Lever Handles back to back to match
frame finish - silver colour .
Surface mounted closer hold opn - silver colour.
Deadlatch with internal cylinder and external
thumbturn.

Door WT13: (staycity reception)
Glazed in louvre above with 50% free air, removable
backing plate and 50mm suitable insulation. (all
ducting, connectiona dn plenum by others).
colour louvre - 7006 matt grey.

Glazing Specification:
(READ IN CONJUNCTION WITH 400-800 TO 804).

G1
NON SOLAR WINDOWS
34mm double glazed unit - 1.1 W/m2K.
Outer - 10.8 mm Clear Acoustic Laminate.
Cavity - 16mm Cavity, argon, warm edge, black.
Inner - 8mm Clear Heat Soak Toughened Soft Coat.

G2
SOLAR WINDOWS
34mm double glazed unit - 1.1 W/m2K.
Outer - 10.8 mm Sunguard SN75 Clear Acoustic Laminate.
Cavity - 16mm Cavity, argon, warm edge, black.
Inner - 8mm Clear Heat Soak Toughened.

G3
CURTAIN WALLS
38mm double glazed unit - 1.1 W/m2K.
Outer - 10 mm Clear Heat Soak Toughened Soft Coat.
Cavity - 16mm Cavity, argon, warm edge, black.
Inner - 11.5mm Clear Laminated. **TBC**

G4
42mm double glazed unit - 1.1 W/m2K.
Outer - 14.8 mm Clear Acoustic Laminate.
Cavity - 16mm Cavity, argon, warm edge, black.
Inner - 12.8mm Clear Acoustic Laminate Soft Coat.

34mm double glazed unit.
Outer - 6mm Clear Heat Strengthened Low E.
Cavity - 22mm Cavity, argon, warm edge, black.
Inner - 6mm Clear Heat Soak Toughened with
ceramic std colour (**colour - 7006, FACE 3**).
with RS60 Earthwool to the rear.

A
34mm double glazed unit.
Outer - 6mm Clear Heat Strengthened Low E.
Cavity - 22mm Cavity, argon, warm edge, black.
Inner - 6mm Clear Heat Soak Toughened with
ceramic std colour (**colour - 7042 FACE 3**).
with RS60 Earthwool to the rear.

note: manifestation required to the glazing of
the projecting 9th fir cwall and the grd fir
cwalls to be supplied and fitted by RED using
sid 50mm acid etch style dots. Any other
locations by others.

note: Acid **TBA** style finish required partly on
some as indicated on the schedules

note: for barrier glazing calcs see documents
400-810 to 812 for windows.
projecting - **TBC**

grd fir - **TBC**

READ IN CONJUNCTION WITH TECHNICAL

- SUBMITTALS:**
- 400-800 to 803 for glass photometrics.
 - 400-804 for glass acoustics.
 - 400-810 to 812 for barrier calculations.
 - 400-820 for fire stopping.
 - 400-830 for perimeter silicone.

- INSTALLATION INFORMATION:**
- read s+cd engineering calcs in
relation to the fixings of the windows
and brise sol feature.
 - no brackets, on the jamb, to be within
150mm of the top of the window
openings.
 - no bracket at the head to be within
150mm of the edge of the window
opening.
 - brackets no more than 600mm apart
(except wtd8, 9, 10, 11 6, 7, 14, 15,
16 which is 750mm)..

- READ IN CONJUNCTION WITH DRAWINGS:**
- 100 specification.
 - 111+ for window schedules.
 - 311+ for window details.
 - 1001+ for location information,

- IMPORTANT:**
- print drawings in colour.
 - glass on details drawings is shown typically as
28mm - for exact glass spec/thickness refer to dry
100 and series drgs 111+

status:

CONSTRUCTION

H	CONSTRUCTION ISSUE	08/08/19	RED SYSTEMS Specialist Glazing structural rooflights + extra aluminium RED Systems Ltd., Plot L, Buildwas Road, Clayhill Industrial Estate, Neston, Wirral. CH64 3RU Tel: 0845 345 8772 www.red-systems .net
G	CONSTRUCTION ISSUE	09/05/19	
F	CONSTRUCTION ISSUE	06/02/19	
E	CONSTRUCTION ISSUE	28/01/19	
D	FINAL APPROVAL ISSUE	29/10/18	
C	FINAL APPROVAL ISSUE	11/10/18	
B	APPROVAL ISSUE	14/09/18	
Rev Description Date			
Client			
Russells Construction			
Contract Number	St Peter's Square		
400			
Drawing Title			
Specification			
Drawing No.			
400-100			
Revision			
H	Status		
	-		
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