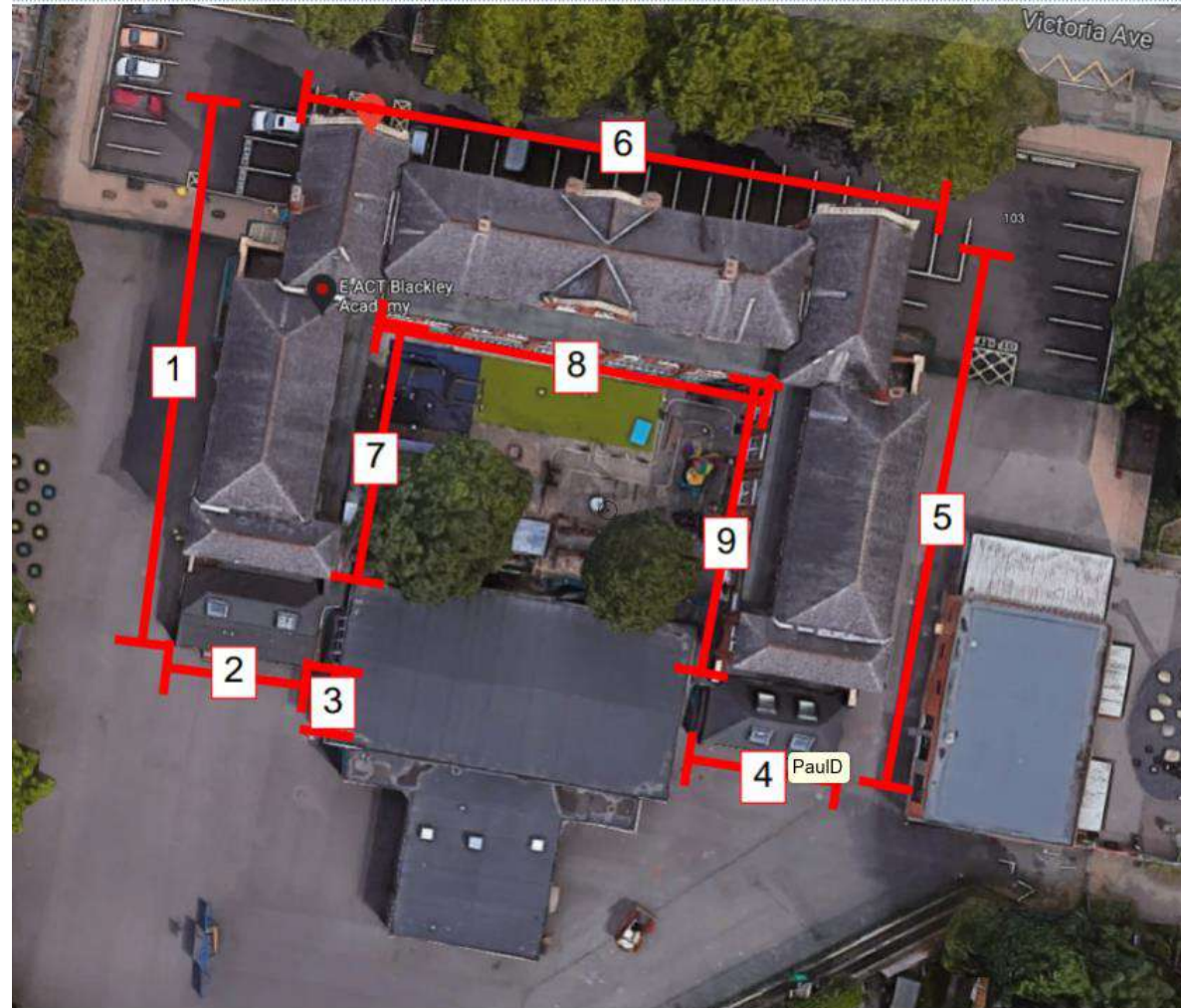


Blackley E-ACT
Academy,
Manchester



Blackley E-ACT
Academy,
Manchester

Specification for the windows & doors at Blackley Academy, Manchester

Products: Technal Dualframe Si Window System
 Technal Stormframe II Commercial Door System

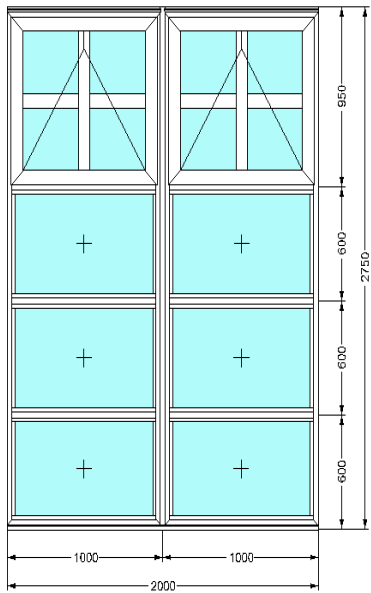
Material: Profiles extruded from Aluminium Alloy, polyester powder coated to BS6496

Colour: White (RAL9910 Gloss)

Trickle Vents: Add-on section (UF508) in accordance with building regulations. See Page 21 for a detail.

Glazing: Type 1 - 28mm clear toughened units with integral Georgian Bar (light blue)
 Type 2 - 28mm obscure toughened units with integral Georgian Bar (dark blue)
 Type 3 - 28mm clear toughened units for shaped windows
 Type 4 - 28mm Solar Control toughened units with integral Georgian Bar (green)

Panels: Type 5 - 28mm Black Aluminium panels (shown in red for ease of viewing)



Window Type 1
9 nr 2000mm x 2750mm
Type 1 Glazing

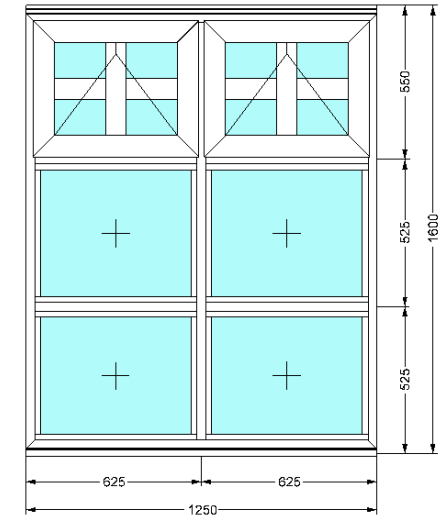
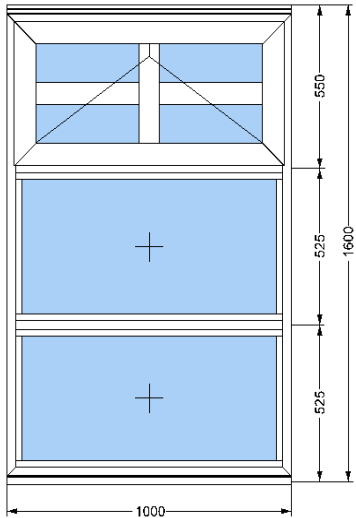


Blackley E-ACT
Academy,
Manchester

East Elevation
Key Stage 1
Elevation 5



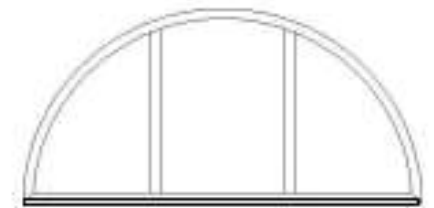
Window Type 2
6 nr 1250mm x 1600mm
Type 1 Glazing

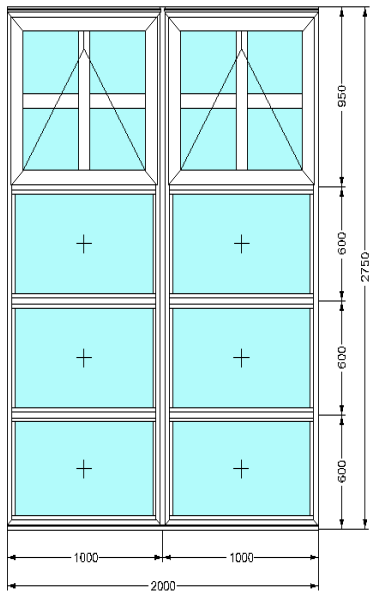


Window Type 3 Obscure
2 nr 1000mm x 1600mm
Type 2 Glazing



Window Type 4 arched
1 nr 2000mm x 1000mm
Type 3 Glazing

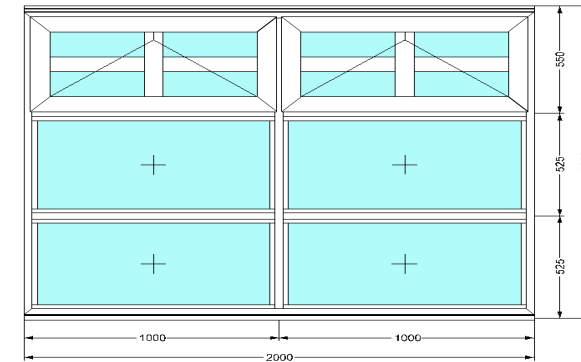




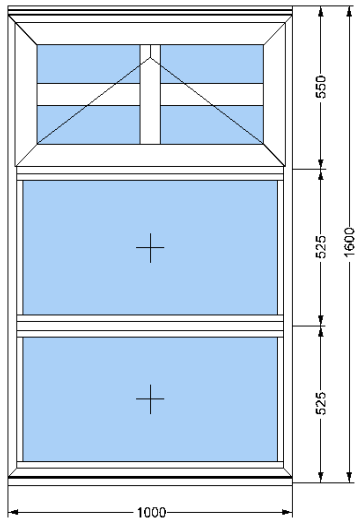
Window Type 1
9 nr 2000mm x 2750mm
Type 1 Glazing



Blackley E-ACT
Academy,
Manchester
East Elevation
Key Stage 2
Elevation 1



Window Type 5
3 nr 2000mm x 1600mm
(amended to 3 15/5/24)
Type 1 Glazing

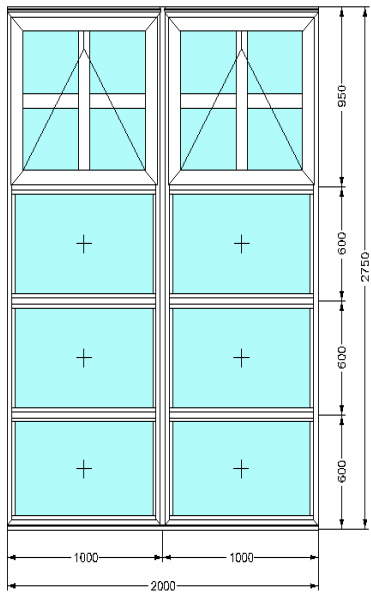


Window Type 3 Obscure
2 nr 1000mm x 1600mm
Type 1 Glazing



Window Type 4 arched
1 nr 2000mm x 1000mm
Type 3 Glazing

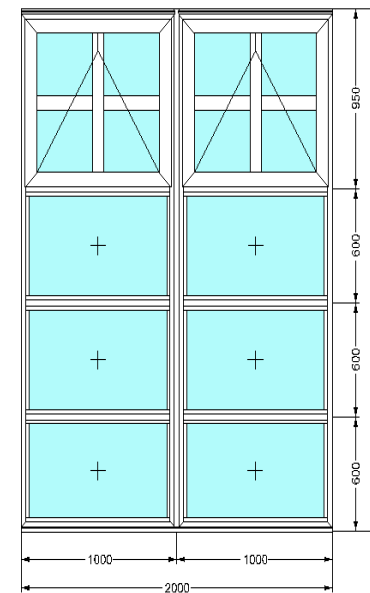




Window Type 1
4 nr 2000mm x 2750mm
Elevation 7
Type 1 Glazing

Blackley E-ACT
Academy,
Manchester

Quad Area
Elevations 7 & 9



Window Type 1
4 nr 2000mm x 2750mm
Elevation 9
Type 1 Glazing

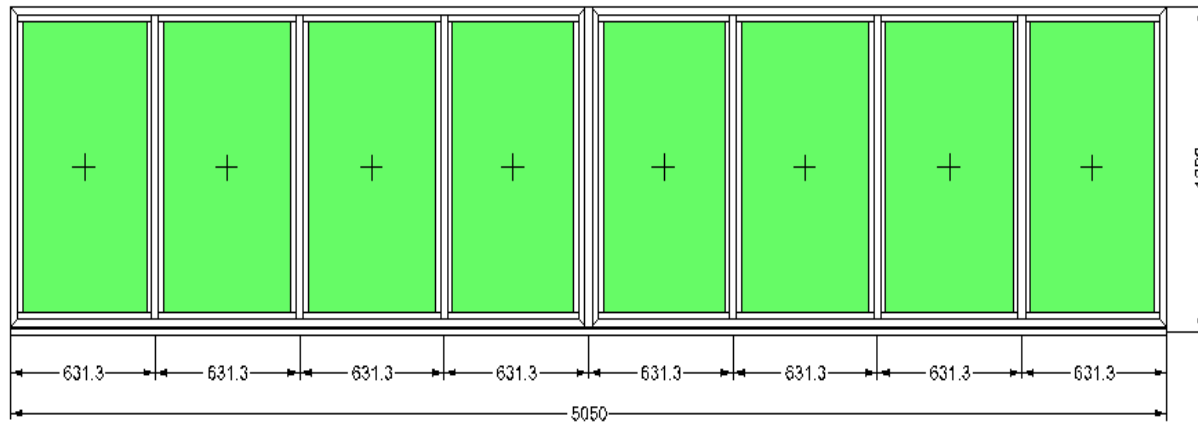
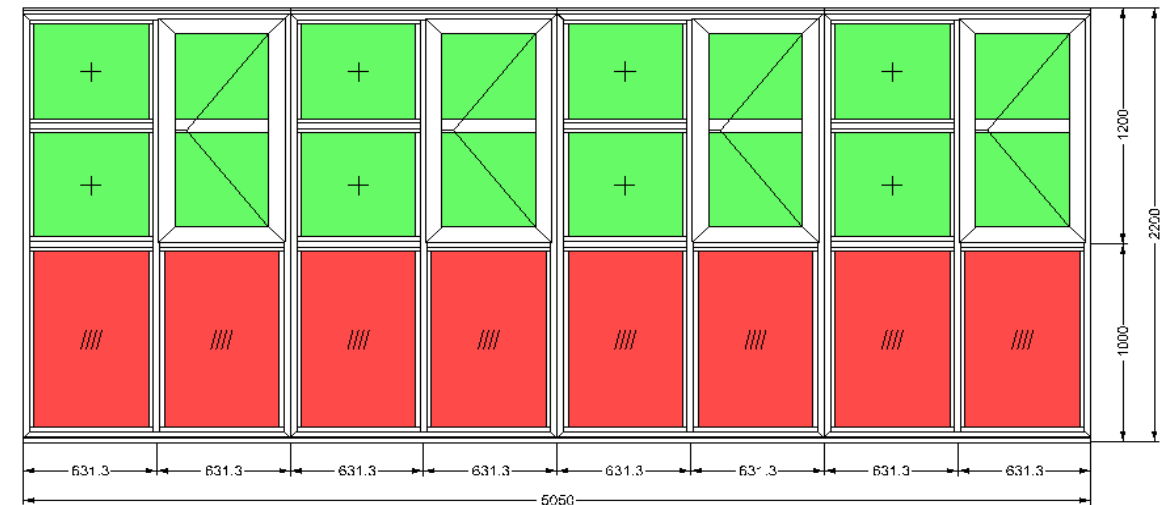
Window Type 6
5 nr 5050mm x 1200mm 8 fixed lights
Elevation 8
Solar Control Glass
Type 4 Glazing



Blackley E-ACT
Academy,
Manchester
Quad Area
Elevation 8



Window Type 7 Elevation 8
3 nr 5050mm x 1200mm. 4 fixed lights, 4 side
hungs, 8 fixed lights below (panels). Solar Control
Glass. Type 4 Glazing, Type 5 Panels





Blackley E-ACT Academy, Manchester Quad Area Elevation 8

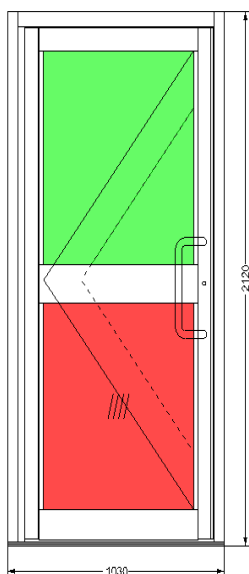
Door Type 1 Elevation 8

2 nr 1030mm x 2200mm Adjacent
to Window Type 8.

One LH & one RH

Solar Control Glass.

Type 4 Glazing, Type 5 Panels



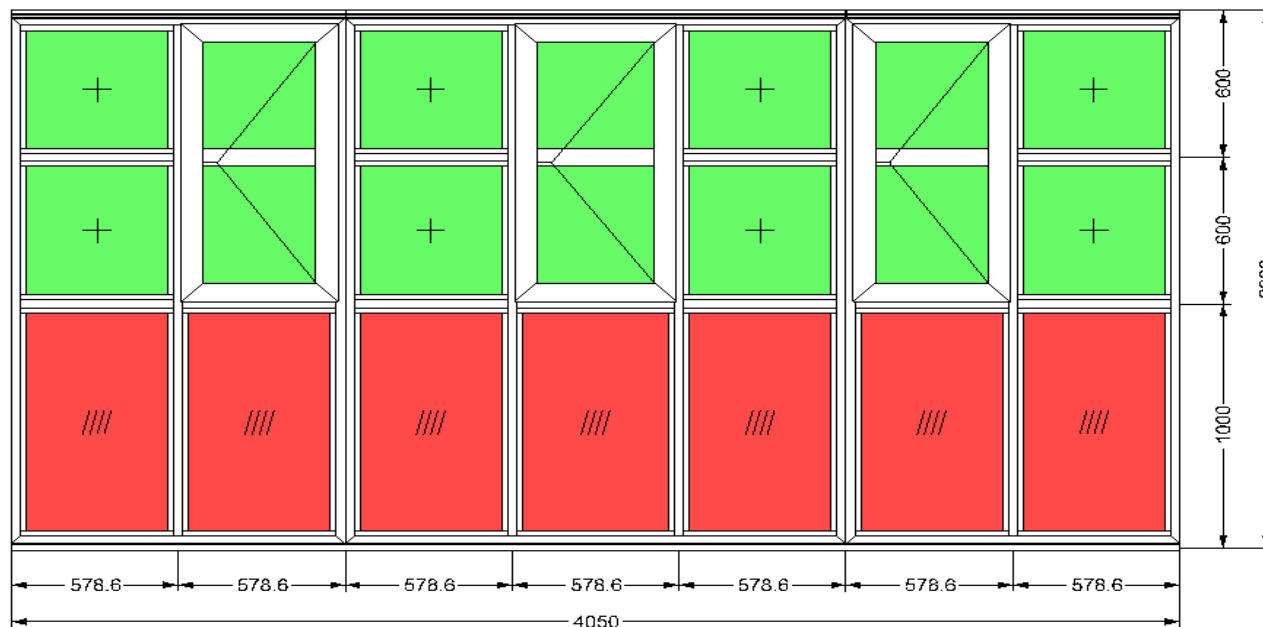
Window Type 8 Elevation 8

2 nr 4050mm x 2200mm

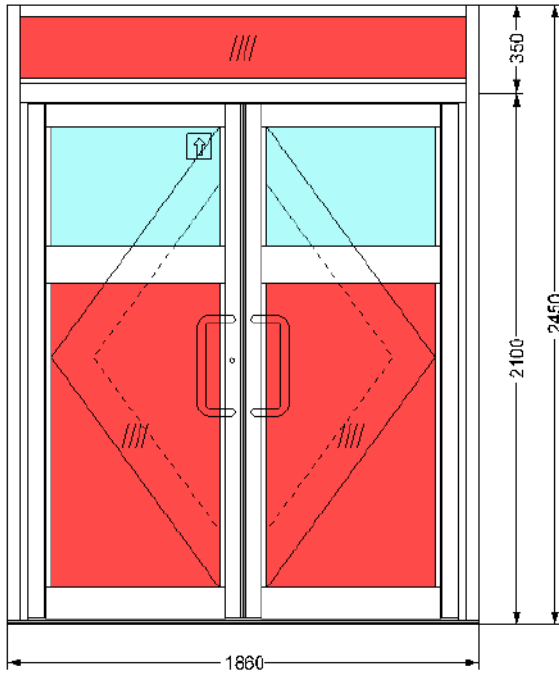
7 fixed lights , 3 side hungs.

Solar Control Glass.

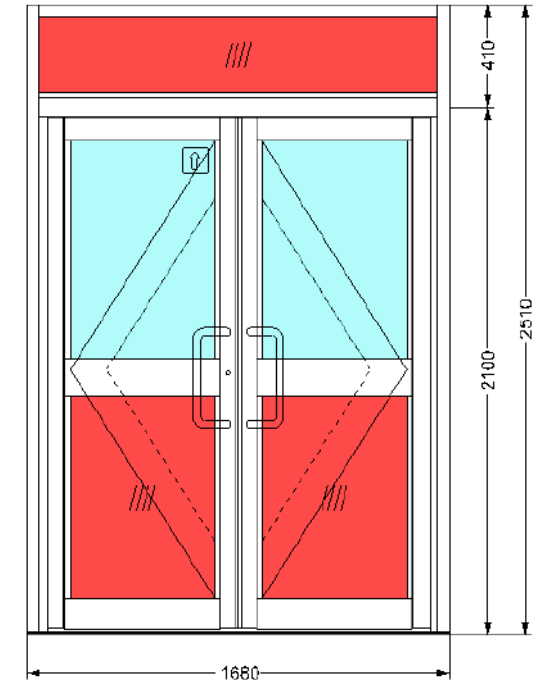
Type 4 Glazing, Type 5 Panels



Blackley E-ACT
Academy,
Manchester



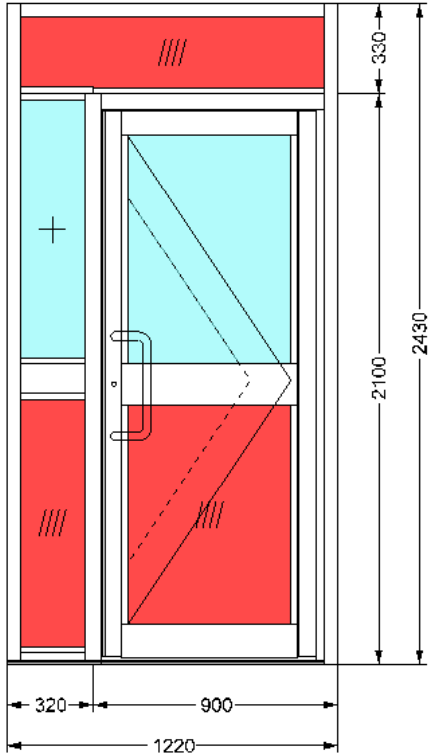
Front Entrance
Elevation 6
Door Type 2
1860mm x 2450mm
Type 1 Glazing
Type 5 Panels



KS2
Elevation 1
Door Type 2
1680mm x 2510mm
Type 1 Glazing
Type 5 Panels



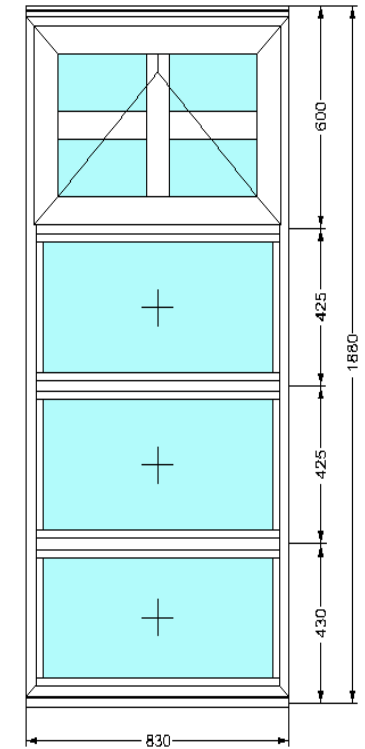
Blackley E-ACT
Academy,
Manchester

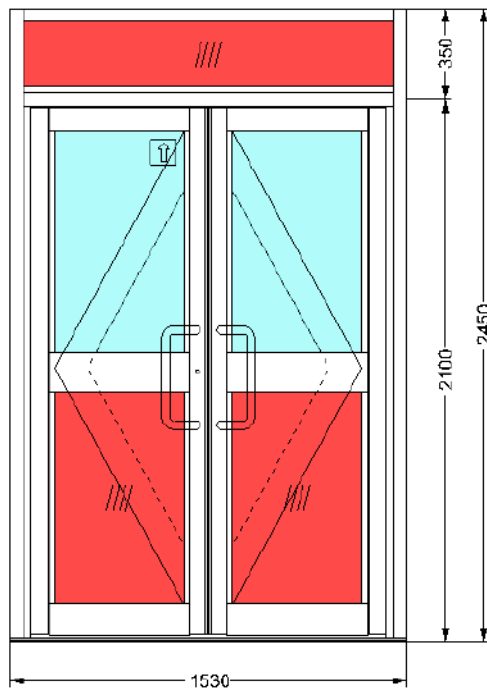


KS2 Toilet Block
Elevation 1
Door Type 3
1220mm x 2430mm
Type 1 Glazing
Type 5 Panels



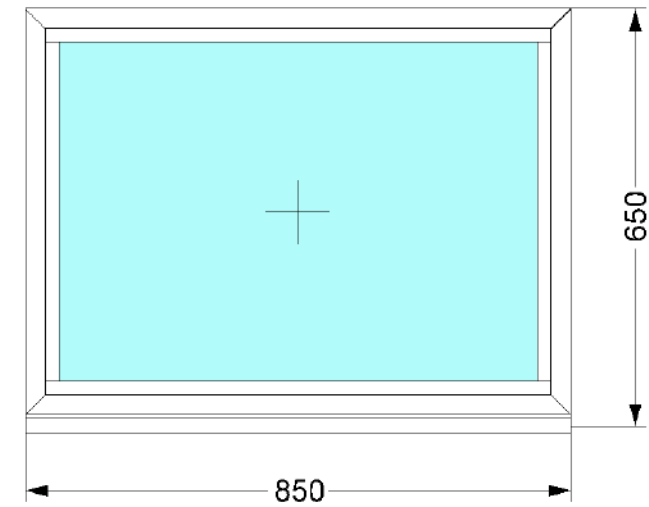
KS2
Window Type 9
Elevation 2
4 nr 830mm x 1880mm
Type 1 Glazing
Type 5 Panels





Blackley E-ACT
Academy,
Manchester

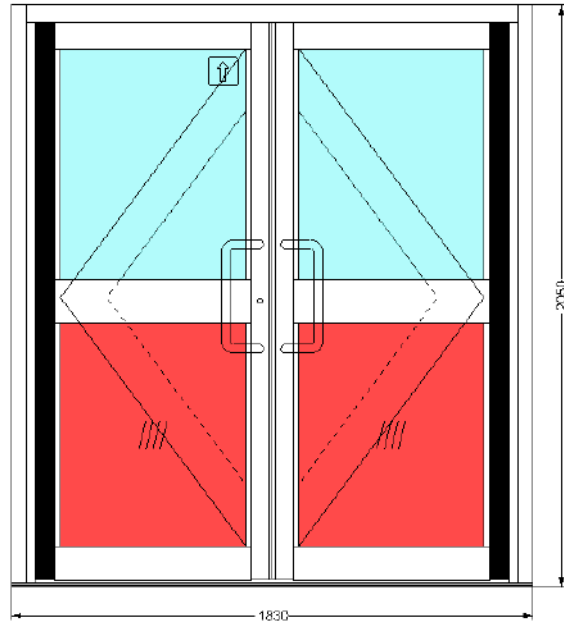
KS2
Elevation 2
Door Type 4
1530mm x 2450mm
Type 1 Glazing
Type 5 Panels



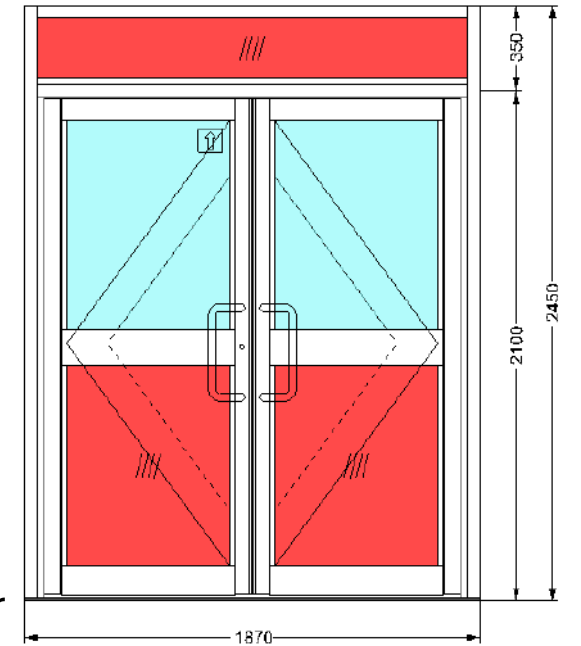
Window Type 10 Elevation 2
1 nr 850mm x 650mm
Type 3 Glazing



Blackley E-ACT
Academy,
Manchester



KS2 Hall Double Door
Door Type 5
1830mm x 2030mm
Elevation 3
Type 1 Glazing
Type 5 Panels

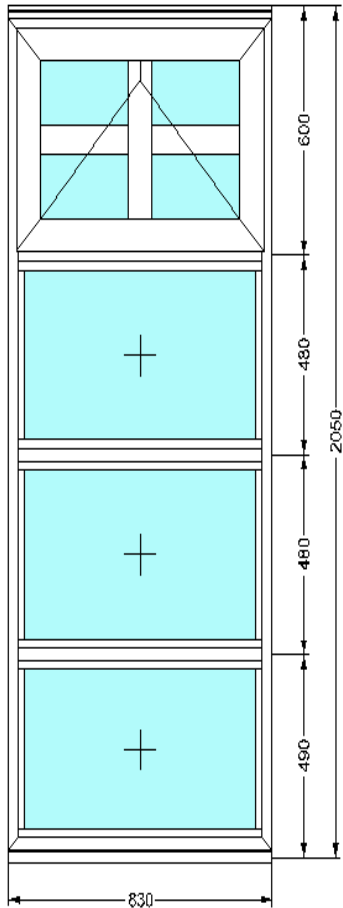
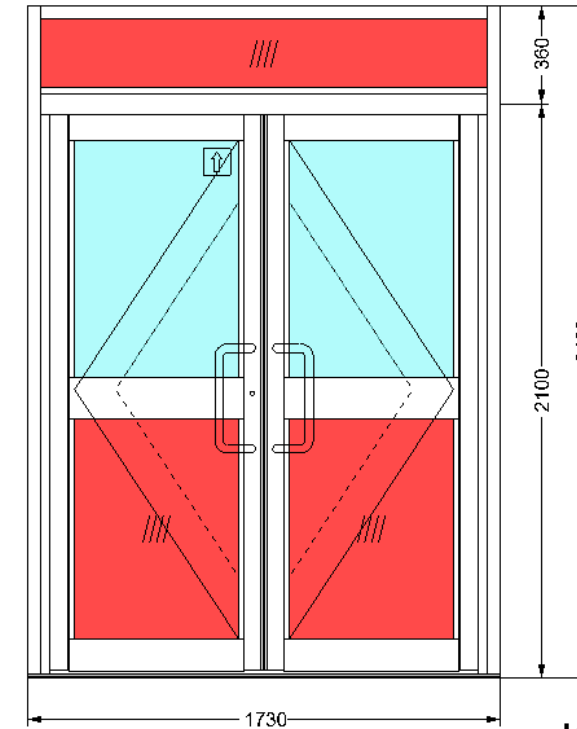


Stores Double Door
Door Type 4
1870mm x 2450mm
Elevation 3
Type 1 Glazing
Type 5 Panels



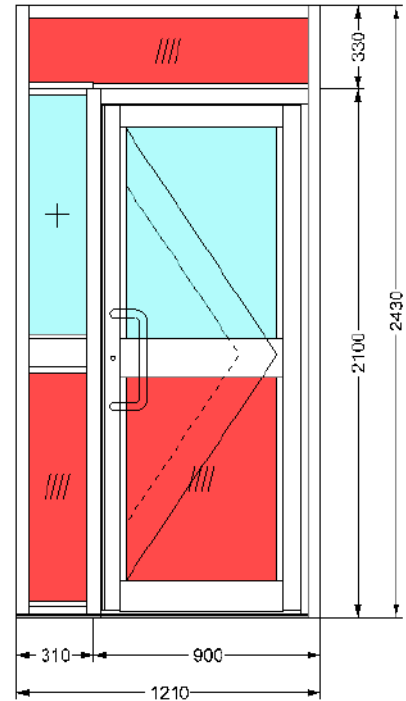
Blackley E-ACT
Academy,
Manchester

Window Type 11
Elevation 4
4 nr 830mm x 2050mm
Type 1 Glazing



KS1 Double Door Door Type 2
Elevation 5
1 nr 1730mm x 2460mm
Type 1 Glazing
Type 5 Panels

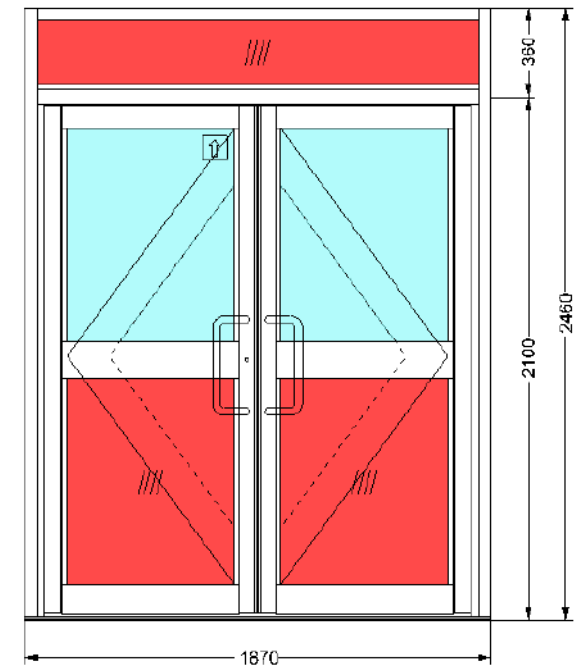
Blackley E-ACT
Academy,
Manchester



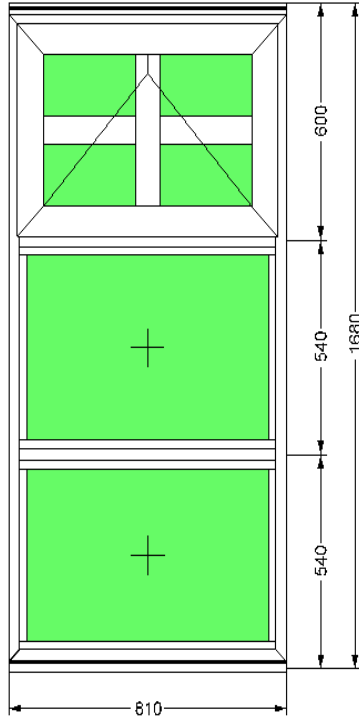
KS1 Single Door Door Type 3
Elevation 5
1210mm x 2430mm
Type 1 Glazing
Type 5 Panels



Reception Entrance Door
Door Type 4
Elevation 5
1870mm x 2460mm
Type 1 Glazing
Type 5 Panels

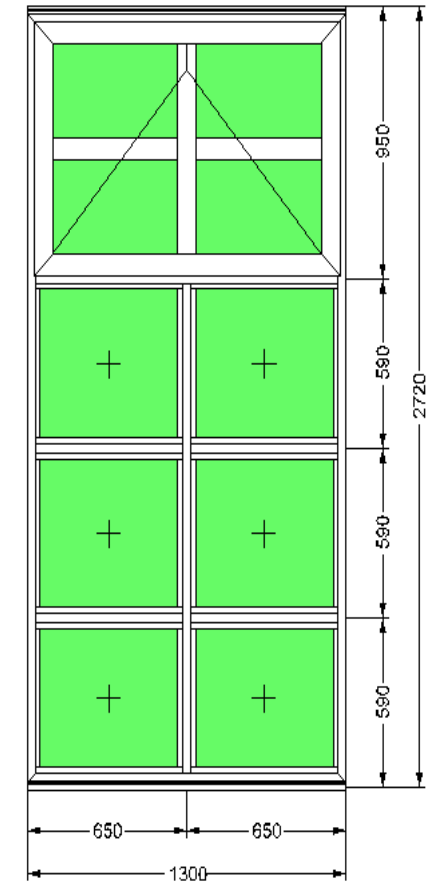


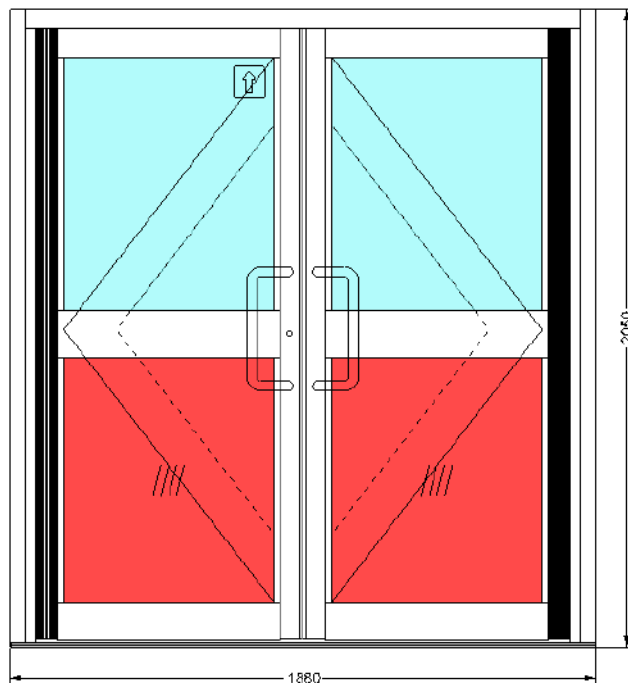
Blackley E-ACT
Academy,
Manchester



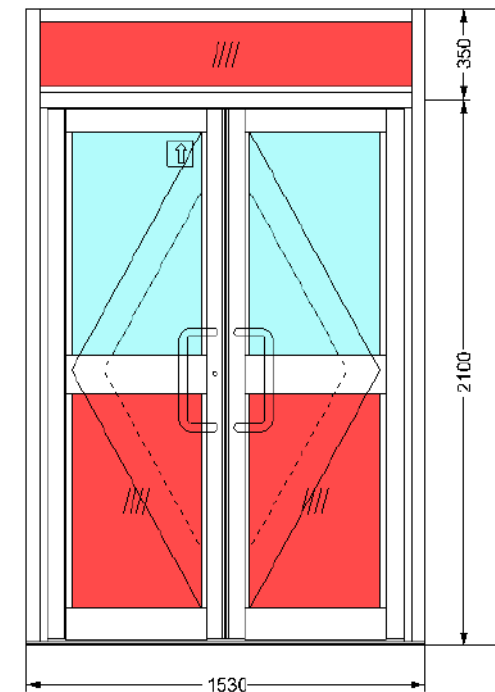
Elevation 7
Window Type 12
2 nr 810mm x 1680mm
Solar Control Glass
Type 4 Glazing

Elevation 9
Window Type 13
2 nr 1300mm x 2720mm
Solar Control Glass
Type 4 Glazing





Blackley E-ACT
Academy,
Manchester



KS1 Toilet Corridor Door
Door Type 4

1530mm x 2450mm

Elevation 4

Type 1 Glazing

Type 5 Panels



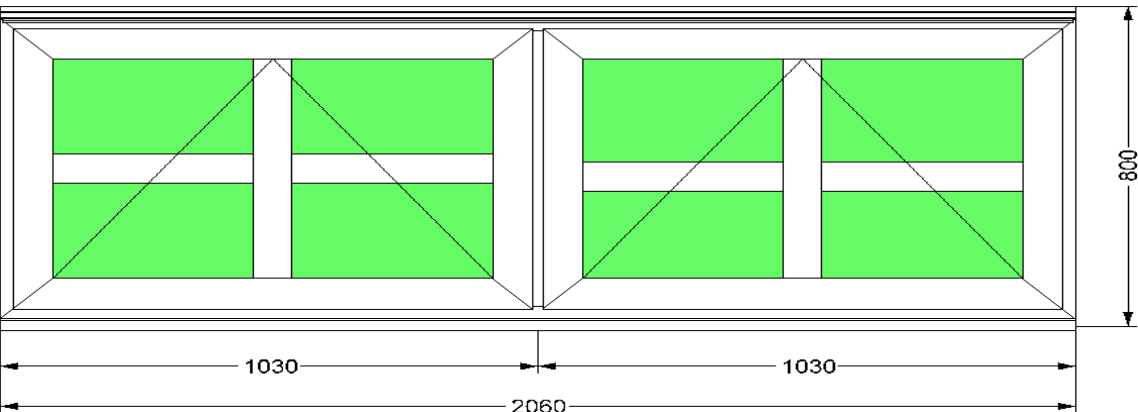
KS1 Hall
Double Door with Panic Bar
Door Type 5
1880mm x 2050mm
Elevation 4
Type 1 Glazing
Type 5 Panels





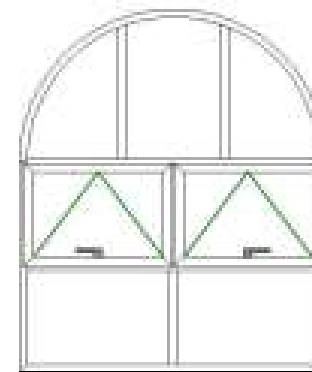
Blackley E-ACT
Academy,
Manchester

High Level
Windows
18 nr 2060mm x
800mm Window
Type 14
2nd Floor
Classrooms
Elevation 8
Solar Control
Glass
Type 4 Glazing



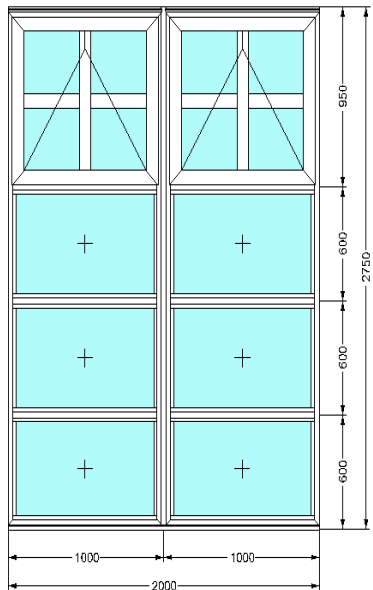
High Level Windows Elevation 8
2 nr 2000mm x 2400mm
Window Type 15

2nd Floor Classrooms.
Solar Control Glass. Type 4 Glazing

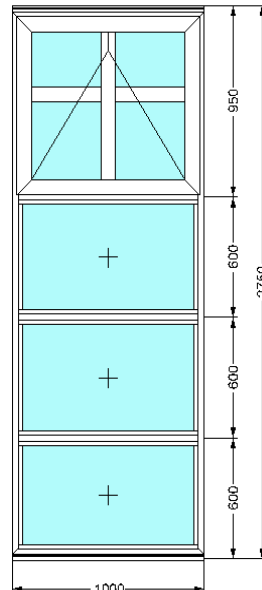


Blackley E-ACT
Academy,
Manchester

Additional Areas
Elevation 6



Window
Type 1
24 nr
2000mm x
2750mm
Type 1 Glazing



Window
Type 16
8 nr
1000mm x
2750mm
Type 1 Glazing

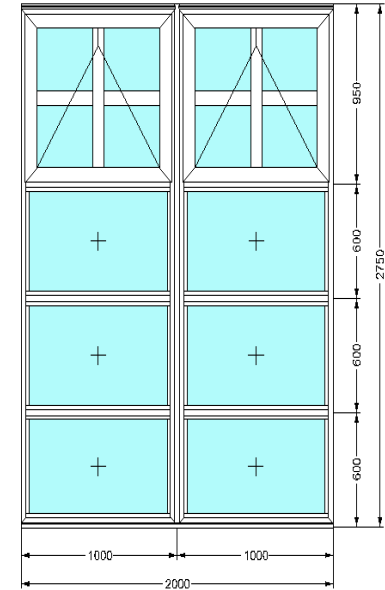


Window
Type 4
(Arched)
2 nr
2000mm x
1000mm
Type 3 Glazing

Note: Front Door previously
included - See Page 8

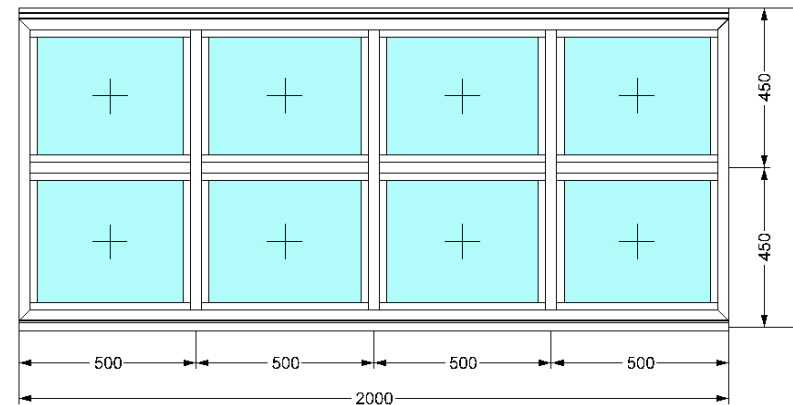
Blackley E-ACT
Academy,
Manchester

Additional Areas
Elevation 1



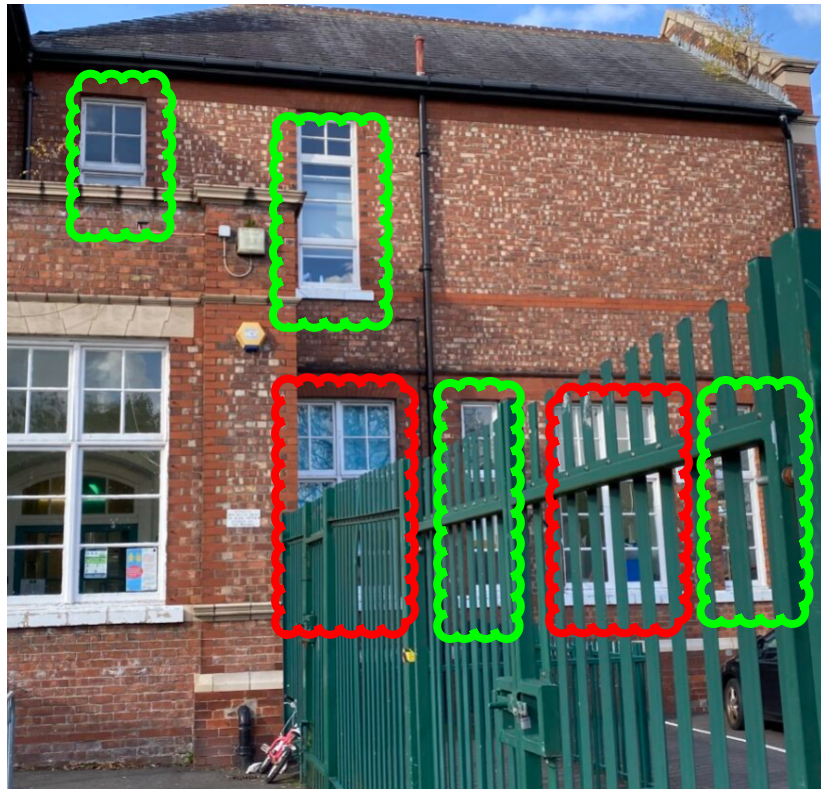
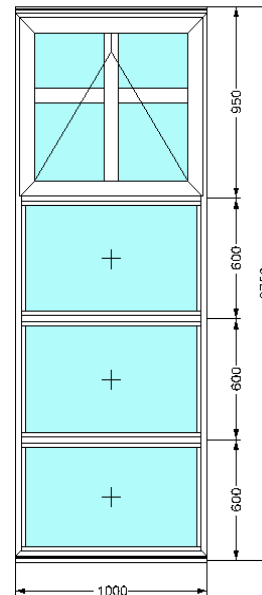
Window Type 1
5 nr 2000mm x 2750mm
Type 1 Glazing

Window Type 17
1 nr 2000mm x 900mm
Type 1 Glazing

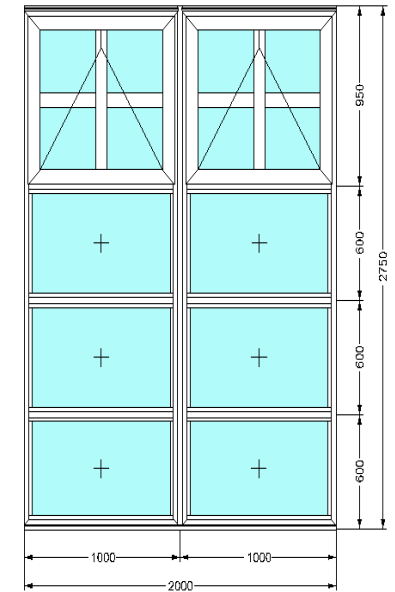


Blackley E-ACT Academy, Manchester

Additional Areas Elevation 5



Window Type 16
4 nr 2000mm x 900mm
Type 1 Glazing



Window Type 1
2 nr 2000mm x
2750mm Type 1 Glazing

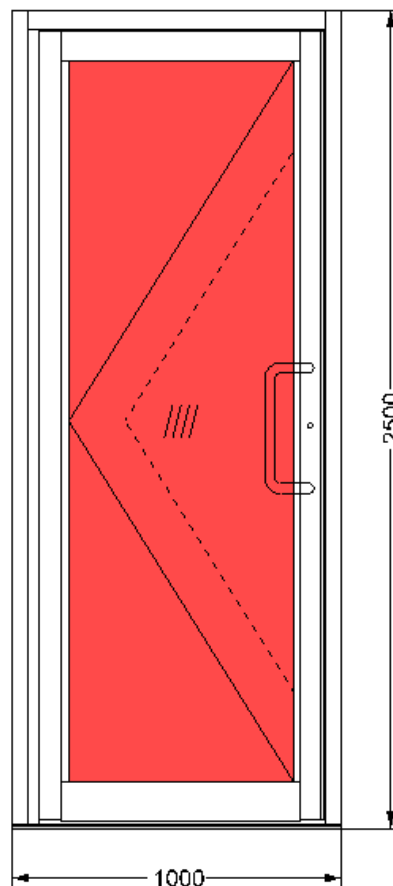


Note: Reception Entrance
Door previously included -
See Page 13



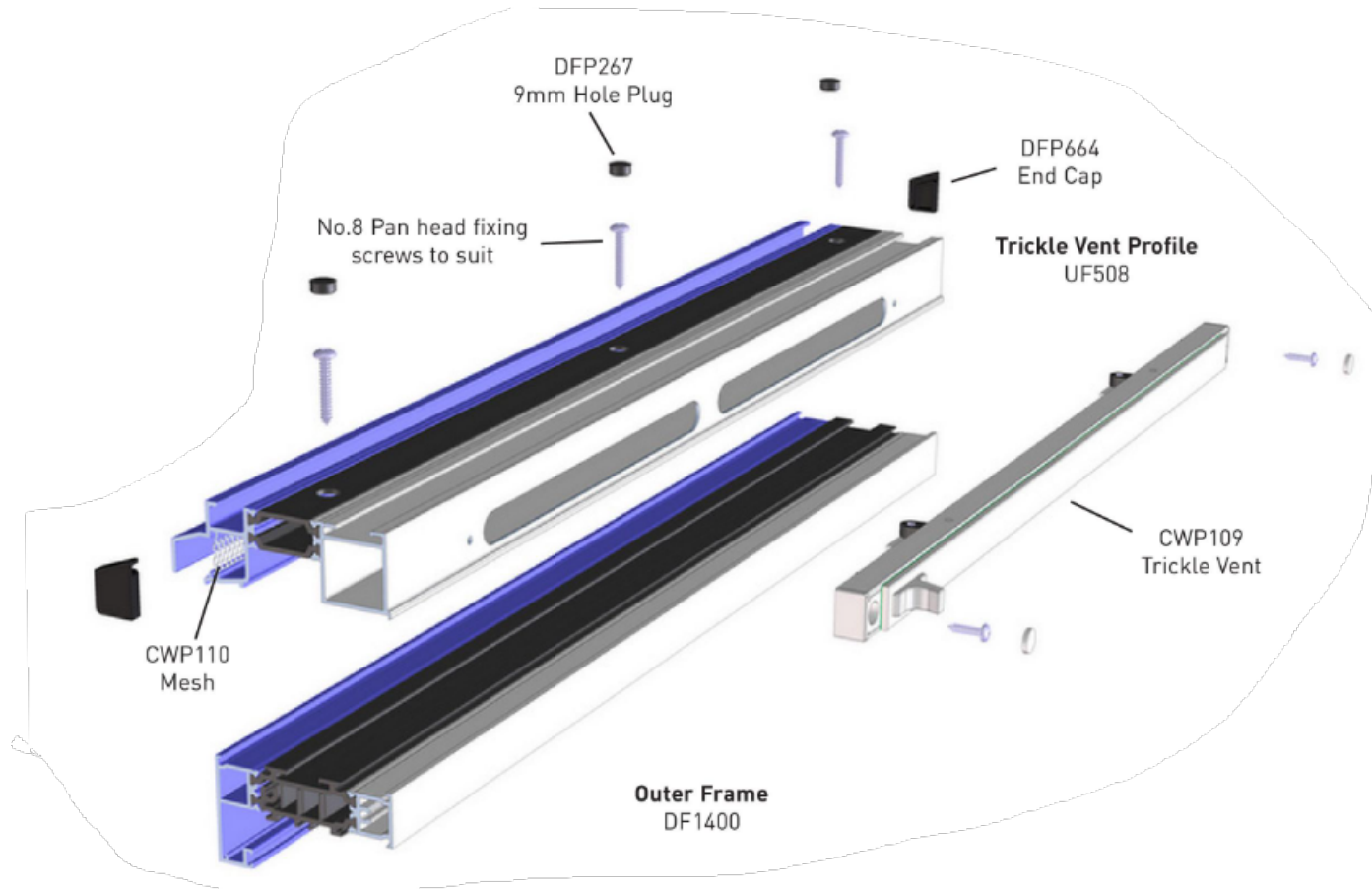
Blackley E-ACT
Academy,
Manchester

Additional Areas Elevation 6
Reception Block adjacent to
Sensory Room



Door Type 6
1 nr 1000mm x 2500mm
Type 5 Panels

Blackley E-ACT
Academy,
Manchester



Detail showing a typical Trickle Vent

