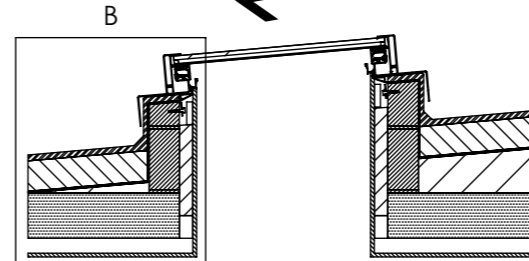
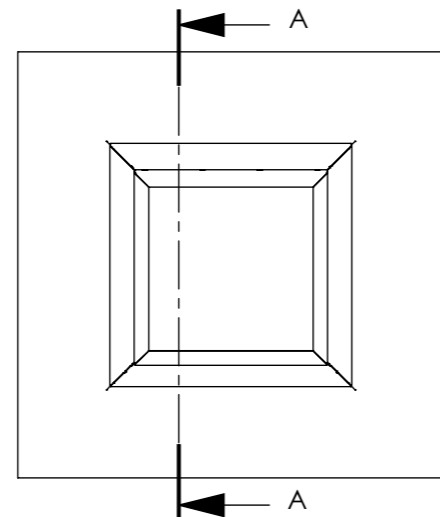
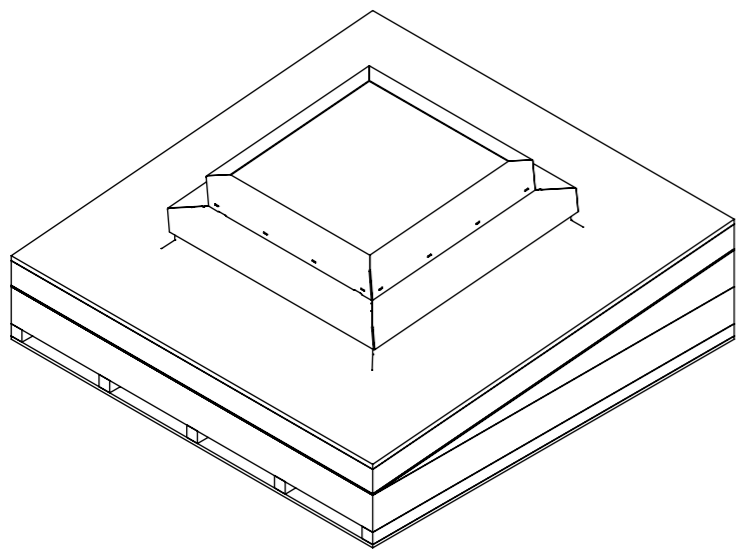


Drawing Title: Secured by Design Plateau installation section

DWG No: PS_100INST_F Date: 08 January 2009 08:50:11

Parent drawings: -

Children drawings:



SECTION A-A
SCALE 1 : 25

PLEASE NOTE:

A MINIMUM OF 3° TO 5° PITCH
MUST BE BUILT INTO THE KERB
IN THE DIRECTION OF THE ARROW
TO PREVENT WATER POOLING.

MIN 118
MAX 175
(118 RECOMMENDED)

STRUCTURAL TO INTERNAL FINISH
57.50

HEIGHT ABOVE KERB
MIN 134
MAX 144

MIN 100

MIN 70
MAX 150
(150 RECOMMENDED)

75 MIN
125 MAX

Silicone bead
(Low modulus neutral cure)

Vapour control layer
(Dressed into Thermoliner®)

For SR3, the Secured by Design Rooflight **must**
be installed onto a reinforced, poured concrete kerb
(30N/mm² (C20/25) Concrete).
For SR2, the Secured by Design Rooflight can also be
installed onto a structural timber (hardwood) kerb.

Roof covering
Insulation

Screed (if not cut to falls), required for SR3
installations.
Timber firings may be used for SR2
installations where a timber (hardwood)
kerb and roof deck is utilised.

Concrete roof deck, required for SR3
installations only.
Timber roof deck for SR2 installations into
a structural timber (hardwood) kerb may
be considered.

Ceiling support battens
Plaster board ceiling

Secured by Design Plateau

Thermoliner®
(Thermal-decoupled lining,
Factory fitted)

Rooflight fixing point

Where a concrete kerb is specified the
Secured by Design Rooflight **must**
be installed using Rawlbolt® Shield Anchor
M10 10L - Product Code: 44-105,
supplied. Install as per manufacturers
details.

Where a structural timber (hardwood)
kerb is specified (SR2 installations only),
M10 coach screws and washers will be
supplied.
For both installations, utilise all fixing
points.

Timber batten
(securely fixed over rooflight
fixing points)

Insulation

Plaster board

Batten

DETAIL B
SCALE 1 : 5

Please Note:

This is a diagrammatical representation. Some components have been increased in scale for clarity. This is our recommended installation detail, approved by the LPCB, the suitability for the specific application will need to be confirmed by the project engineer. Where kerb dimensions differ to our recommended height and width (150mm height, 118mm wide), please ensure you inform our Sales Team so that your site specific requirements can be accounted for.
(SR2 = Security Rating 2 / SR3 = Security Rating 3 to LPS1175)

Revision.

Revision	Date	Description	By
F	13/07/2020	Minimum and maximum height above kerb dimension range added	CW
E	19/07/2017	Option for installation into a steel kerb added.	MC
D	22/10/2015	Kerb dims added, to include MIN & MAX. Allowance for timber (hardwood) kerb for SR2 rooflights only. Var fixing lug depth added.	KS
C	16/10/2009	Product logo added to sheet format. Product name change.	CH
B	14/08/2009	Kerb changed to reinforced poured concrete. M10 anchor bolt added.	NT
A	13/02/2009	New at first issue	NT

Created & issued by.

Drawn by:	NT	Checked by:	CH
Design Initials: NT	Purchasing Initials: -	QC Initials: -	Production Initials: -
Date: 17.02.09	Date: -	Date: -	Date: -

Drawing information.

	Do not scale. All dimensions in mm unless otherwise stated.	Drawn in accordance with BS 8888:2006 Technical product specification (TPS) - Specification
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PS_100INST_F

Weight: N/A

Material: N/A

Scale: 1:5

Sheet 1:2

Drawing Title: Secured by Design Plateau installation section

DWG No:
PS_100INST_F

Date:
08 January 2009 08:50:11

Parent drawings:

Children drawings:

PLEASE NOTE:
A MINIMUM OF 3° TO 5° PITCH
MUST BE BUILT INTO THE KERB
IN THE DIRECTION OF THE ARROW
TO PREVENT WATER POOLING.

SECTION G-G
SCALE 1 : 50

MIN 118
MAX 175
(118 RECOMMENDED)

STRUCTURAL TO INTERNAL FINISH
57.50

HEIGHT ABOVE KERB
MIN 134
MAX 144

MIN 100

Silicone bead
(Low modulus neutral cure)

Vapour control layer
(Dressed into Thermoliner®)

For SR2, the Secured by Design Rooflight can be installed onto a minimum 5mm galvanised steel kerb.

Stone ballasts may be used for SR2 installations where a galvanised steel kerb and roof deck is utilised.

Roof covering

Insulation

Minimum 5mm galvanised steel plate secured to perimeter and external faces of kerb

Steel roof deck for SR2 installations into a galvanised steel kerb may be considered.

Minimum 5mm galvanised steel parallel flange channel

Ceiling support beams

MIN 70
MAX 150
(150 RECOMMENDED)

Rooflight fixing point to be fixed through minimum 5mm galvanised steel

Where a Steel kerb is specified (SR2 installations only), M10x 50mm stainless steel torx button head screws, nylon locking nuts and washers will be supplied. Utilise all fixing points.

Minimum 2mm galvanised steel bracket securely fixed over rooflight fixing points

15mm THK Duraline Board

Insulation

Please Note:
This is a diagrammatical representation. Some components have been increased in scale for clarity.
This is our recommended installation detail, approved by the LPCB, the suitability for the specific application will need to be confirmed by the project engineer.
Where kerb dimensions differ to our recommended height and width (150mm height, 118mm wide), please ensure you inform our Sales Team so that your site specific requirements can be accounted for.
(SR2 = Security Rating 2 / SR3 = Security Rating 3 to LPS1175)

DETAIL H

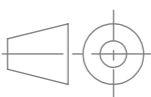
Revision.

Revision	Date	Description	Author
F	13/07/2020	Minimum and maximum height above kerb dimension range added	CW
E	19/07/2017	Option for installation into a steel kerb added.	MC
D	22/10/2015	Kerb dims added, to include MIN & MAX. Allowance for timber (hardwood) kerb for SR2 rooflights only. Var fixing lug depth added.	KS
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Created & issued by.

Drawn by:		Checked by:	
NT		CH	
Design Initials: NT	Purchasing Initials: -	QC Initials: -	Production Initials: -
Date: 17.02.09	Date: -	Date: -	Date: -

Drawing information.

	Do not scale. All dimensions in mm unless otherwise stated.	Drawn in accordance with BS 8888:2006 Technical product specification (TPS) - Specification
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PS_100INST_F

Weight: N/A

Material: N/A

Scale: 1:5

Sheet 2:2