

Window Cills

Type Ref: SCL83 stooped cill. max length 1600

Stock



Stock sizes available:

1970 to suit 1770 opening
1400 to suit 1200 opening
1115 to suit 915 opening
830 to suit 630 opening
688 to suit 488 opening

Details:

All our standard designs can be cast as slip cills where no stoolings are required. A groove to receive a water bar may be included, please specify when ordering.

Ordering:

Please note the Cill type, colour and the opening size required.

Maximum lengths:

Where the required length is larger than that illustrated, the cill will be cast in 2 or more sections, allowing for nominal joints.

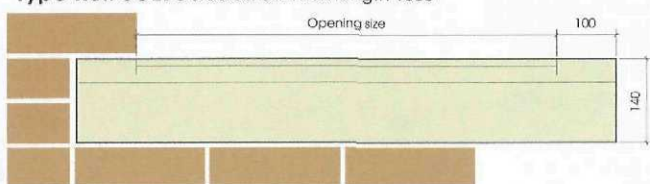
Installation:

Stooped cills should initially be bedded under stooling only. The remainder of the cill should be pointed at building completion. Note: Lime/sand mortars are recommended as a strong mix may cause stresses in the masonry.

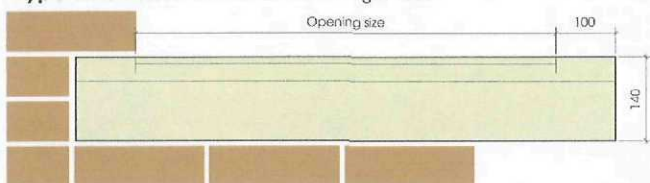
Bespoke units:

Please note that other cill designs can be produced to your own design, or to match existing units.

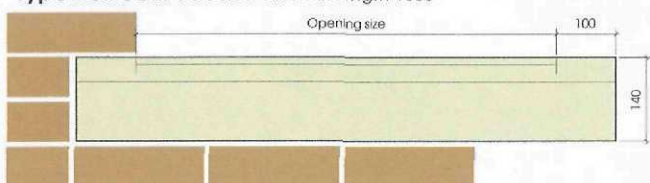
Type Ref: SCL90 stooped cill. max length 1600



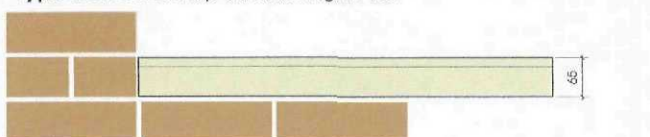
Type Ref: SCL84 stooped cill. max length 1600



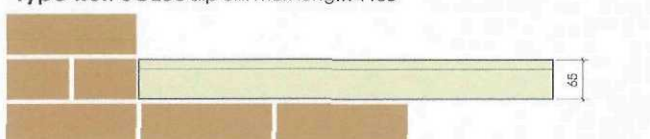
Type Ref: SCL91 stooped cill. max length 1600



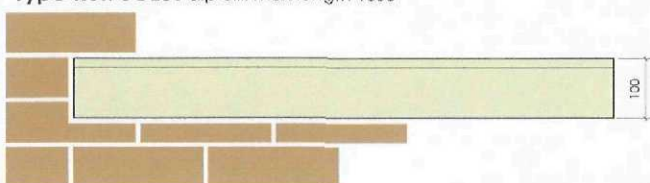
Type Ref: SCL87 slip cill. max length 1100



Type Ref: SCL88 slip cill. max length 1100



Type Ref: SCL89 slip cill. max length 1500



SCL87 & SCL88

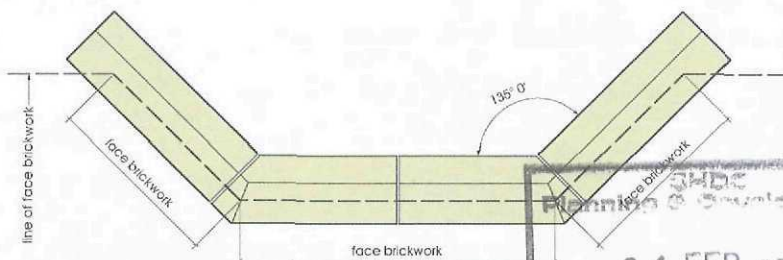
65mm deep slip cills. These are not designed to be built into the brickwork at each end. They are made to suit the opening size only.

SCL89

Slip cill designed for fitting under traditional sash windows located 110mm in reveal.

135° & 90° Bay cills:

These are the 2 standard angles available. Please phone to discuss if a different angle is required. When ordering bay window cills please provide the external face brickwork dimensions as shown. A production drawing will then be supplied for you to check. The return legs are cast to be built into the face brickwork.



Window Heads

Ordering:

Please note the Head type, colour and the opening size required.

Maximum lengths:

Where the required length is larger than that shown, the head will be cast in 2 or more sections allowing for nominal joints. If the head needs to be in one piece longer units can be cast in larger sections manufactured to similar designs.

Manual handling:

Lifting points may be cast in for mechanical handling where required. Please specify when ordering as this is not included as standard.



SL70 Heads



SL73 Heads & SCL83 Cills

Bespoke units:

Please note that heads can be produced to your own design, or to match existing units.



Special Arched Head

Stock sizes available:

2070 to suit 1770 opening
1500 to suit 1200 opening
1215 to suit 915 opening
930 to suit 630 opening
788 to suit 488 opening

Structural heads:

All standard heads are non structural and should be supported by a load-bearing backing lintel, or placed in a self-supporting roll with a structural lintel above.

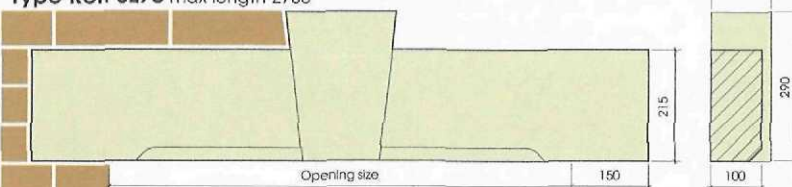
Where structural heads are required please contact us before ordering.

Installation:

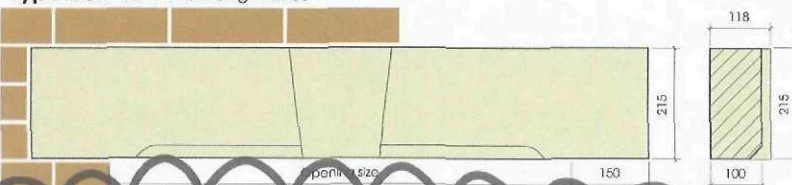
Where a Head is to be self supporting the steel lintel above should be initially bedded on masonry beyond the opening below. The bed below the steel lintel should be pointed at building completion, avoiding any deflection being transferred to the stone head below.

Line based mortars are recommended as a strong mix may cause stresses in the masonry.

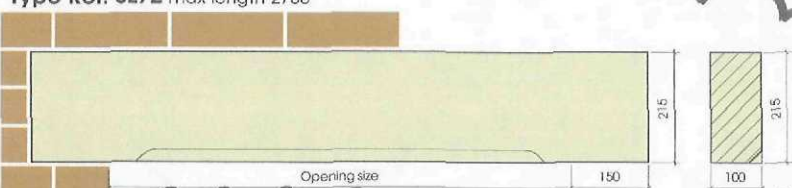
Type Ref: SL70 max length 2750



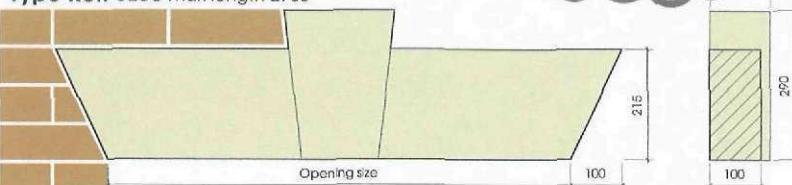
Type Ref: SL71 max length 2750



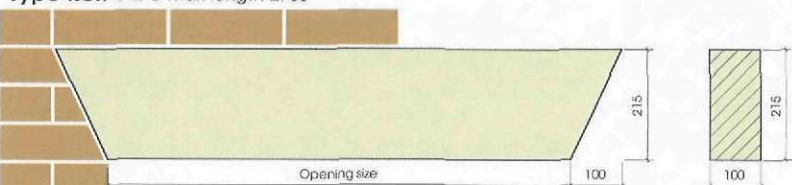
Type Ref: SL72 max length 2750



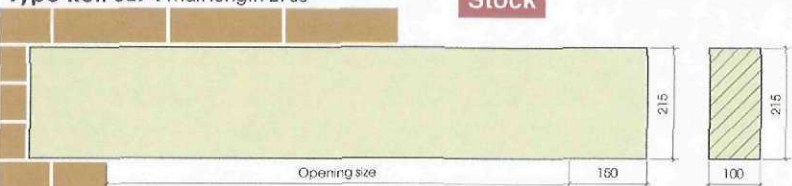
Type Ref: SL80 max length 2750



Type Ref: SL73 max length 2750

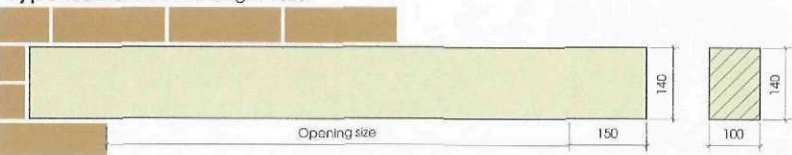


Type Ref: SL74 max length 2750

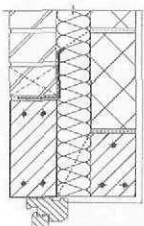


Stock

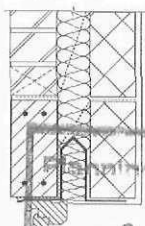
Type Ref: SL75 max length 1800



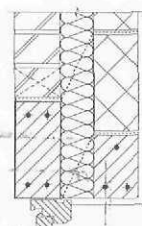
Head - self supporting



Head - supported by steel lintel



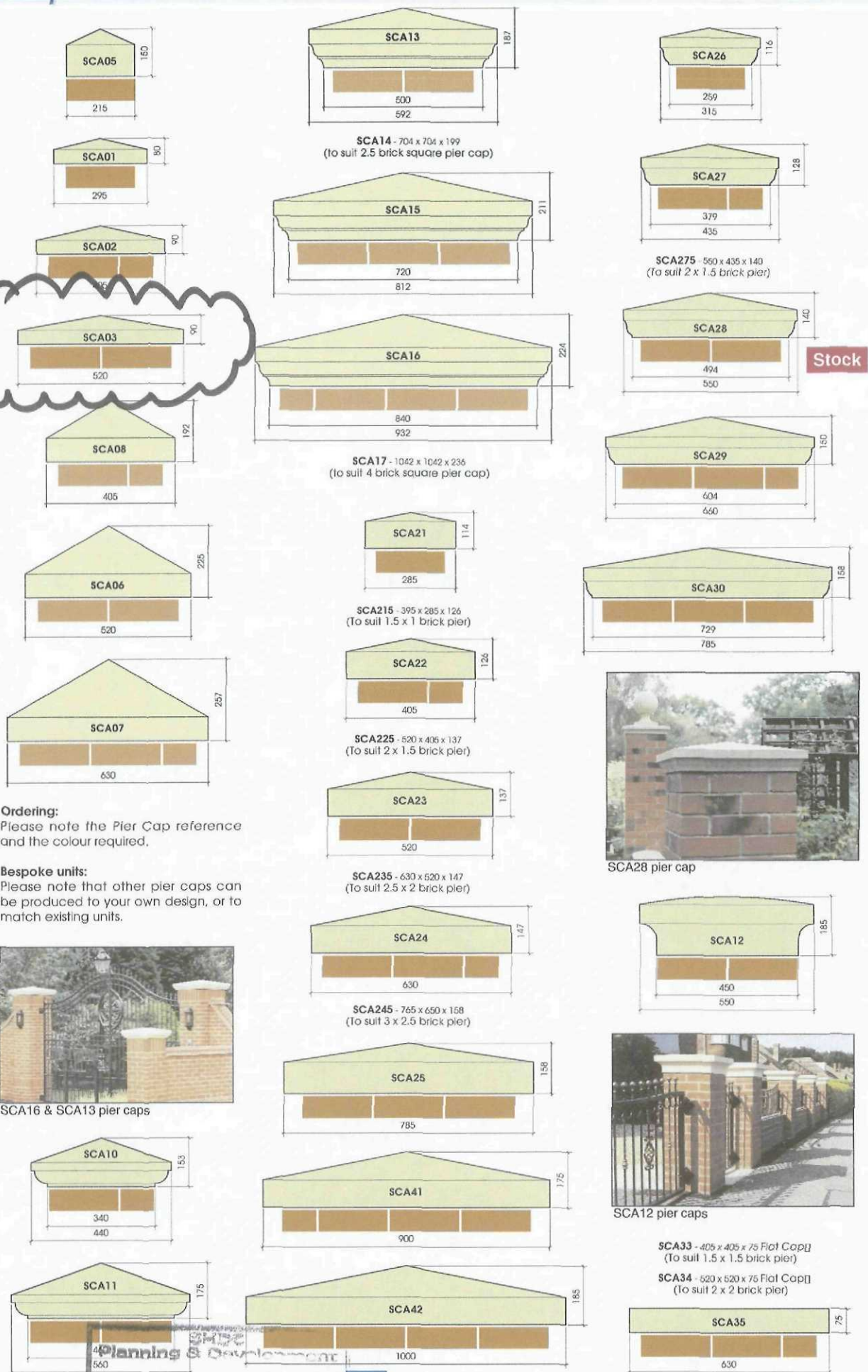
Structural Head



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Pier Caps



Ordering:
Please note the Pier Cap reference and the colour required.

Bespoke units:
Please note that other pier caps can be produced to your own design, or to match existing units.



SCA16 & SCA13 pier caps



SCA28 pier cap



SCA12 pier caps

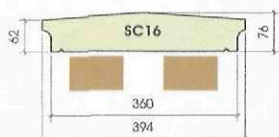
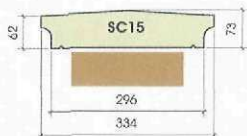
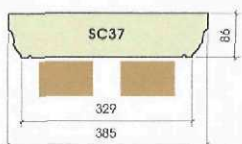
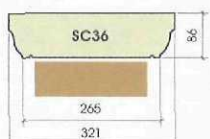
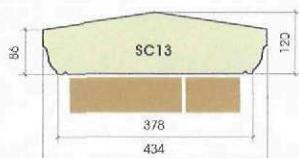
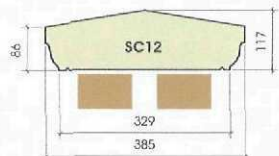
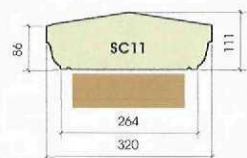
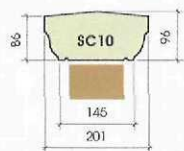
01 FEB 2011

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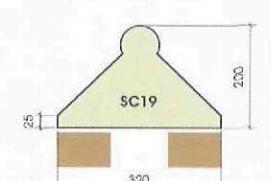
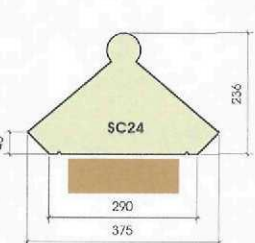
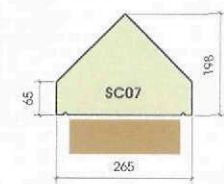
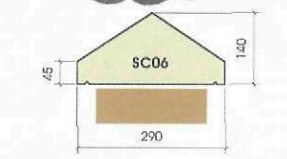
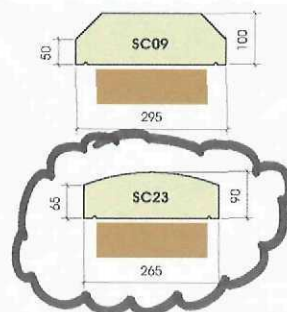
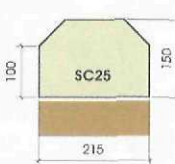
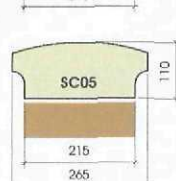
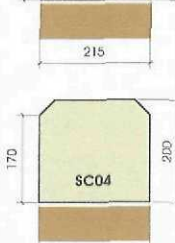
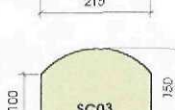
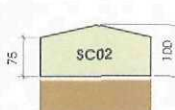
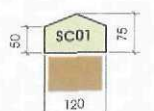
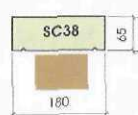
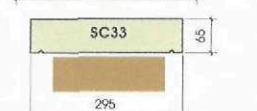
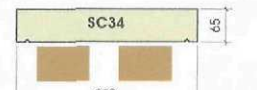
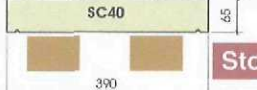
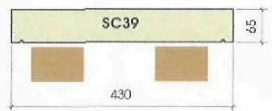
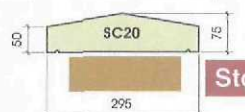
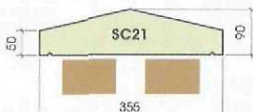
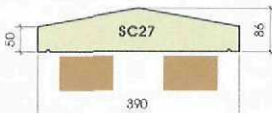
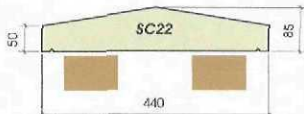
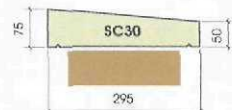
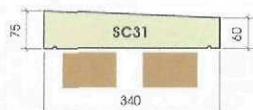
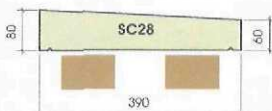
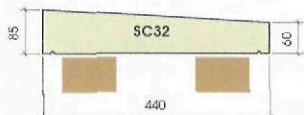
Ref: 0064-11

Fax: 01406 364412 Tel: 01406 362262

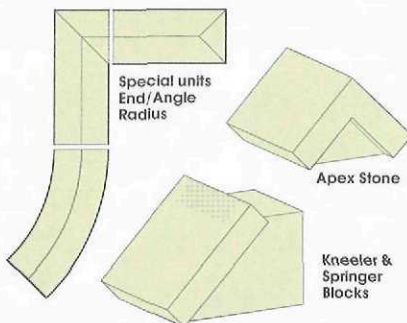
Coping



Type SC06 coping & SCA18 Caps



Special coping to match existing



Stock

Stock

The length of standard copings varies depending on the section. Please call for more information.



Special radius coping & SCA28 Pier caps

01 FEB 2011

Ref: 0064-11

Conservation roof window system



Centre-pivot and top-hung windows.



Centre-pivot
Tiles 15°-90°
Plain tiles 25°-90°
Slate 35°-90°



Top-hung
Tiles 15°-55°
Plain tiles 25°-55°
Slate 35°-55°

The VELUX conservation roof window system offers all the superior technical features of a VELUX roof window but in a traditional conservation style. It allows you to make the area under the roof truly habitable – not previously possible with a rooflight. The system blends in perfectly in sensitive conservation areas with its:

- mullion (central glazing bar)
- recessed installation (slate roof only)
- external black metal work.

Application

Centre-pivot

Consisting of a GGL centre-pivot roof window with vertical glazing bar and associated flashing. Three different versions are available depending on the roofing material:

- for slate up to a maximum thickness of 8mm with roof pitches of 35°-90°.
- for profiled roofing material up to a maximum of 120mm in profile with roof pitches of 15°-90°.
- for plain tiles up to 15mm thick with roof pitches of 25°-90°.

Top-hung

An emergency escape system is also available which includes a GHL top-hung window with vertical glazing bar and associated flashing. Again choose from the variants listed above depending on roofing material and roof pitch for GHL.

Features

Now possible to purchase separate conservation glazing bars for standard VELUX windows to create a traditional style appearance.

Options

See section 3.01.00 for GGL and section 3.02.04 for GHL.

Operation

10 year VELUX guarantee.

Guarantee

Conservation roof window system can be combined with:

Flashings for

- Single installation
- Twin installation – tile only
- Combi installation – slate/tile only



Controls

- Rod
- Electrical



Installation products

- Insulation collar
- Underfelt collar
- Vapour barrier



Interior sunscreening

- Blackout blinds
- Roller blinds
- Pleated blinds
- Venetian blinds



Exterior sunscreening

- Awning blind
- Roller shutter

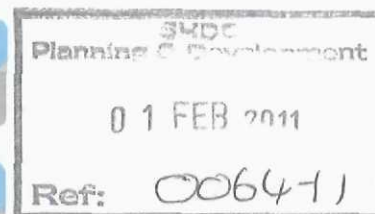


Additional accessories

- Insect screen



Combinations



Variants

Interior variants:

Pine with triple coat finish or white paint finish

Cladding variants:

Black aluminium, titanium zinc, copper or other cladding types and colours

Pane variants:

(-59) Toughened outer pane

For more pane variants see section 8.

Section 3.07.00

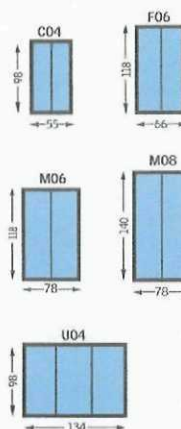
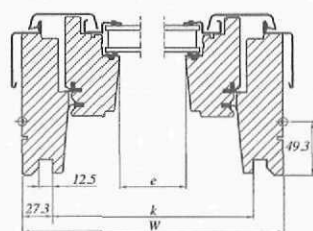
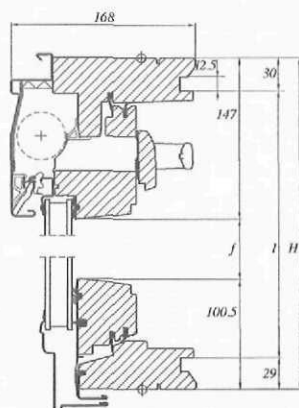
Products ► Roof windows ► Types ► Conservation

Technical data – Conservation roof window system

Measurements (mm)

Size	Exterior frame W x H	Visible glass e x f	Lining rebate k x l
C04	550 x 978	373 x 730	495 x 919
F06	660 x 1178	483 x 930	605 x 1119
M06	780 x 1178	603 x 930	725 x 1119
M08	780 x 1398	603 x 1150	725 x 1339
U04	1340 x 978	1163 x 730	1285 x 919

Cross-section/measurements (mm)



Sizes (cm)

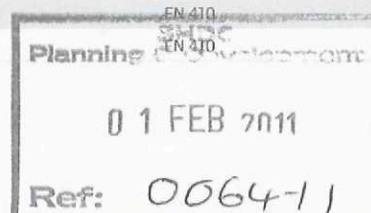
VELUX GB/Ireland product programme.
Other sizes/types available to order.

Technical data

	Size	C04	F06	GGL M06	M08	U04	GHL Size M08
Ventilation flap – free area [10 ³ mm ²]		2.8	3.5	4.3	4.3	8.1	4.3
Ventilation flap – equivalent area [10 ³ mm ²]*		2.6	3.1	3.7	3.7	6.6	3.7
Ventilation – open window [m ²]		0.33	0.53	0.64	0.79	0.94	0.84
Effective daylight area [m ²]		0.27	0.45	0.56	0.69	0.85	0.69

*Measured to EN 13141-1

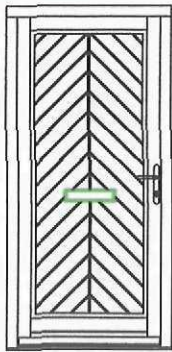
Pane variant	–59	EN/ISO Standard
Thermal transmittance, U _g [W/m ² K]	1.4	EN ISO 12567-2
Sound insulation, R _w [dB]	32	EN ISO 140-3/EN ISO 717-1
Air permeability	Class 3	EN 12207
Light transmittance, τ _v	0.77	EN 410
Total solar energy transmittance, g	0.60	EN 410



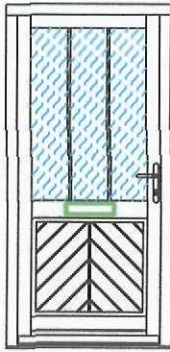
Section 3.0701

Products ▶ Roof windows ▶ Types ▶ Conservation

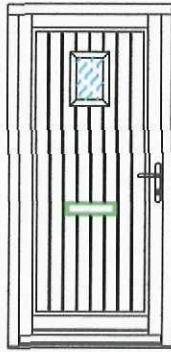
EN 001



EN 003



EN 004



EN 005



EN 006



EN 007



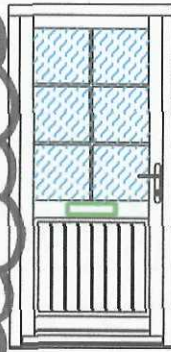
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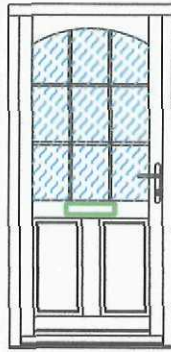
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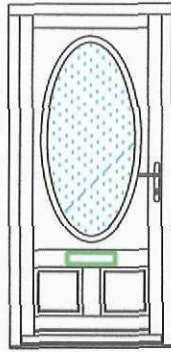
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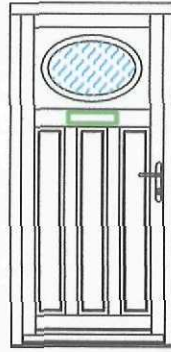
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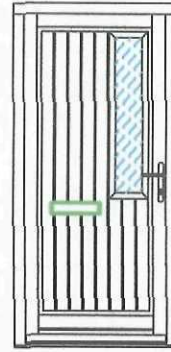
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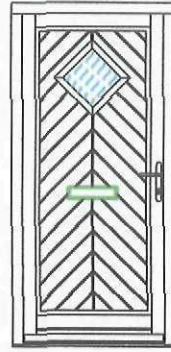
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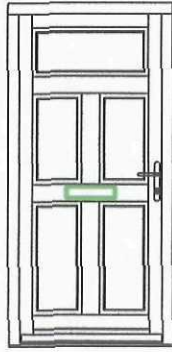
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EN 016



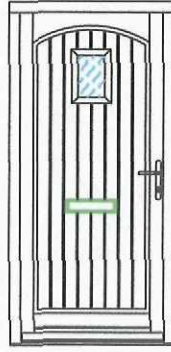
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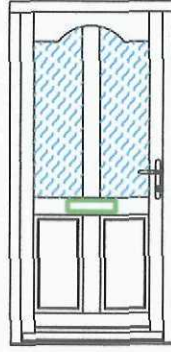
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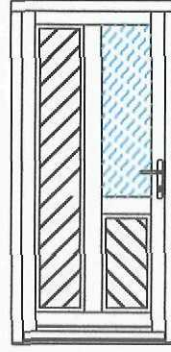
EN 019



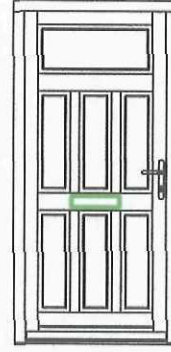
EN 020



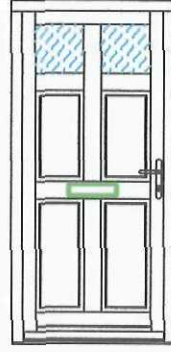
EN 021



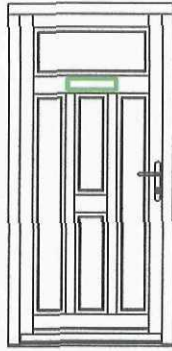
EN 022



EN 023



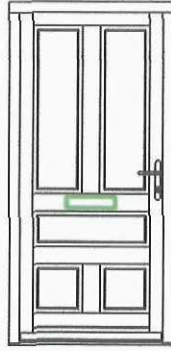
EN 024



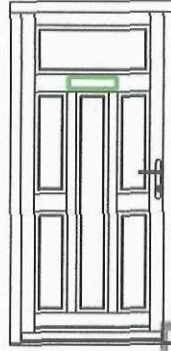
EN 025



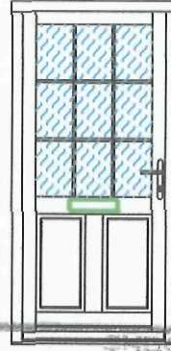
EN 026



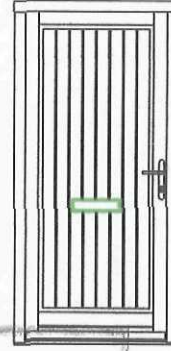
EN 027



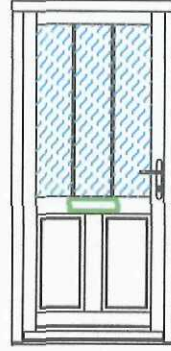
EN 028



EN 029



EN 030



Planning & Development

0064-11

01 FEB 2011

Ref:

ALL DIMENSIONS IN mm

ORIGINAL PLOT A0 SIZE (840x1188)

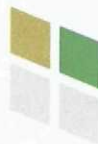
SCALE

1 : 1

GENERAL
TOLERANCE
+ 2

MATERIAL

Timber



Bereco

DELIVERING THE DIFFERENCE

TITLE

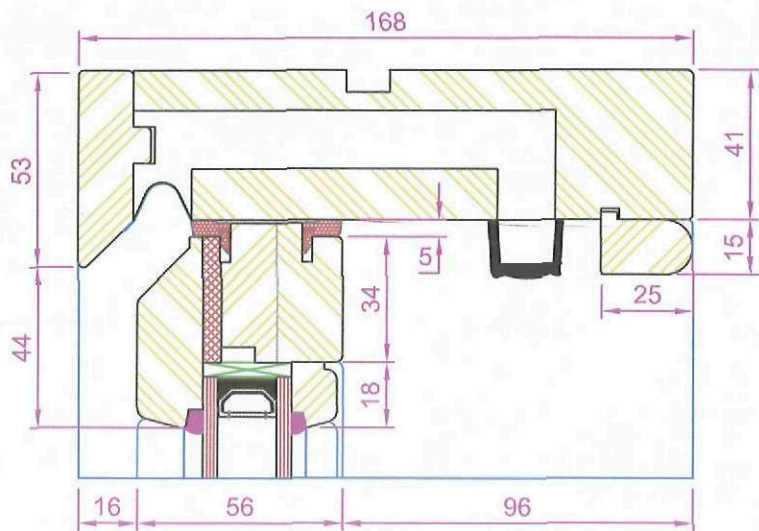
FLUSH DOOR OPEN IN
Standard Entrance Door OptionsDRAWN BY
DWG NO.CHECKED
1144

DATE

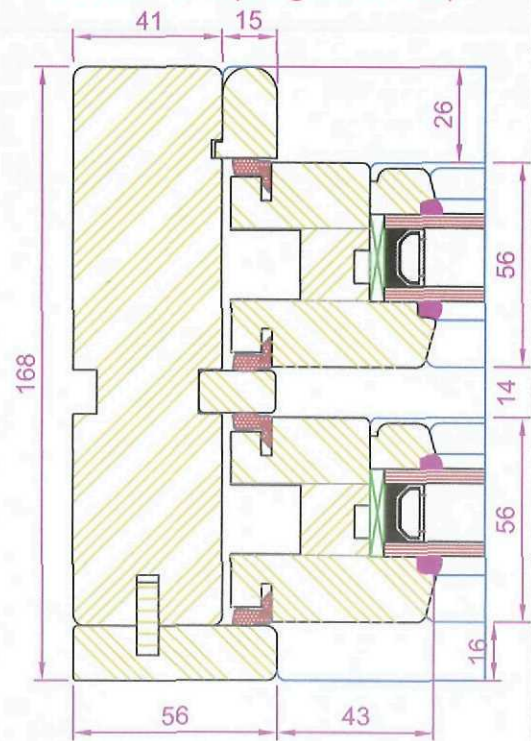
06.08.2007

ISSUE
SHT
1

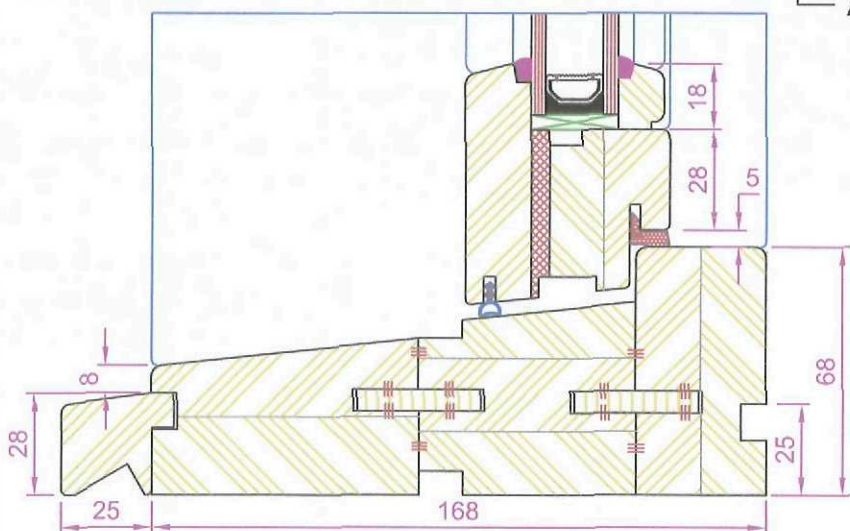
Section A-A (Dwg.No. 0403)



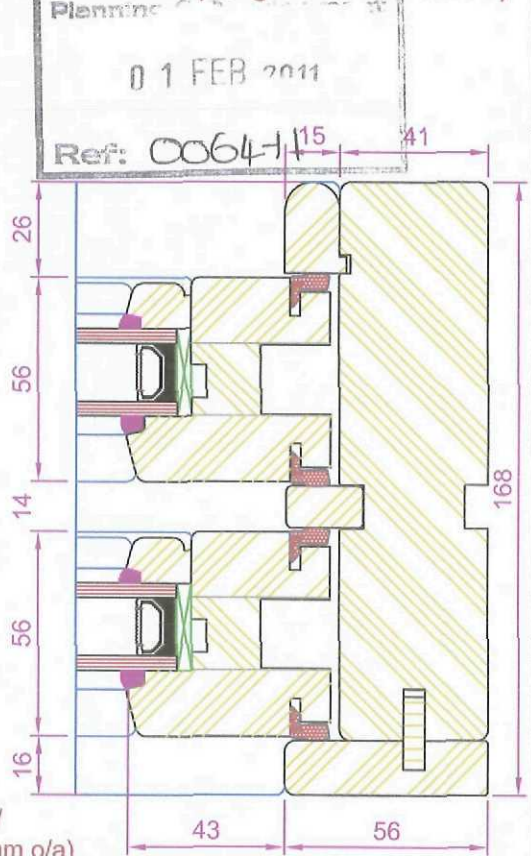
Section B-B (Dwg.No. 0406)



Section A-A (Dwg.No. 0404)

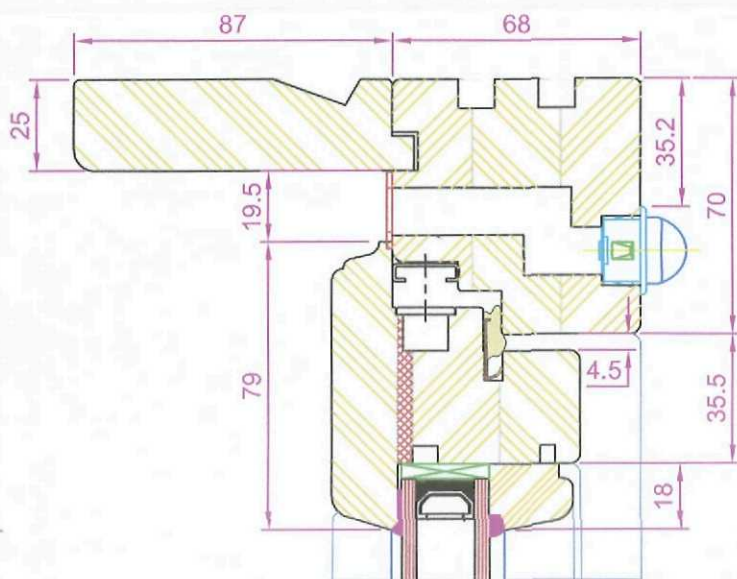


Section B-B (Dwg.No. 0406 mirr'd)

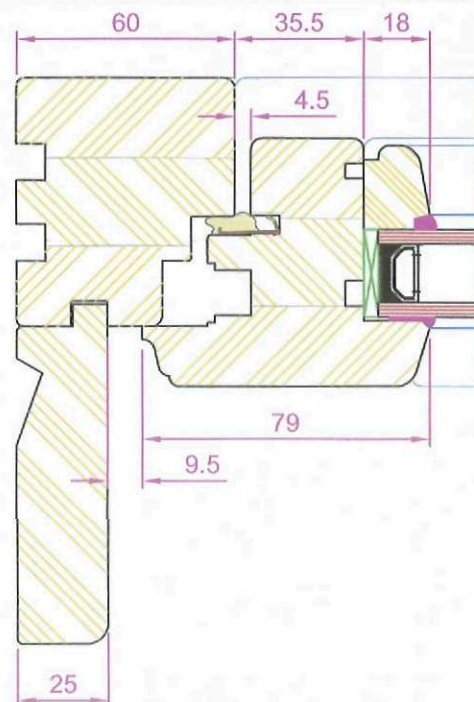


CILL EXTENSION - available options: 25mm (193mm o/a) / 47mm (215mm o/a) / 62mm (230mm o/a) / 87mm (255mm o/a) / 114mm (282mm o/a) / 140mm / 308mm o/a)

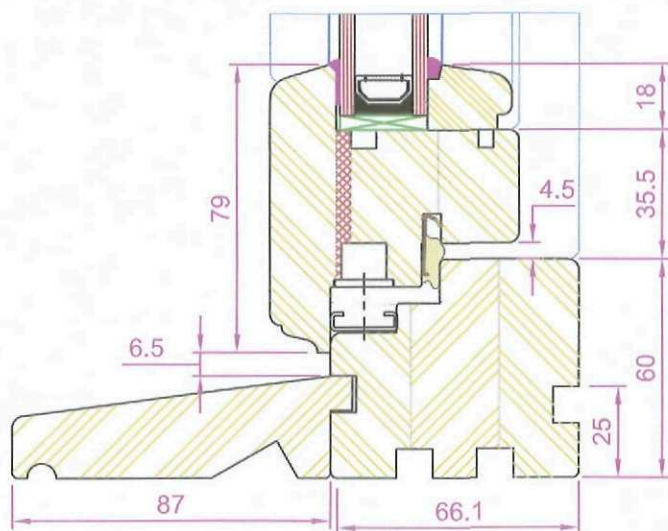
Section A-A (Dwg.No. 0124)



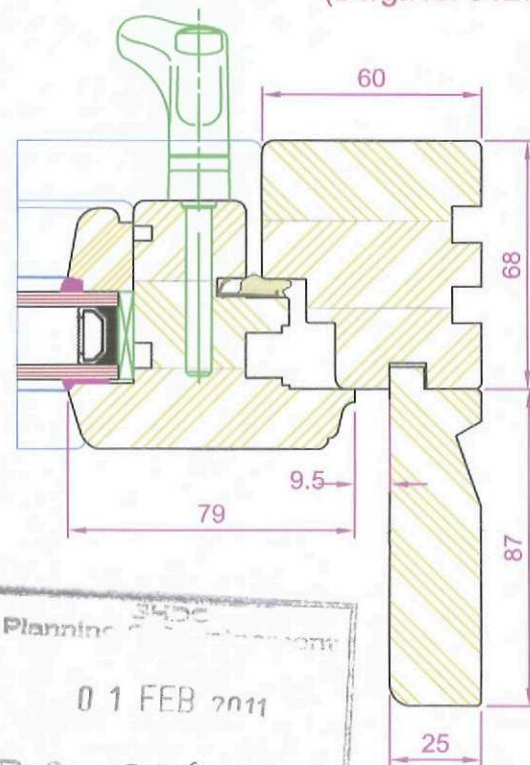
Section B-B (Dwg.No. 0126)



Section A-A (Dwg.No. 0125)



Section B-B (Dwg.No. 0127)

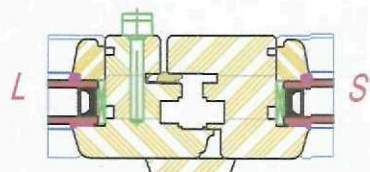
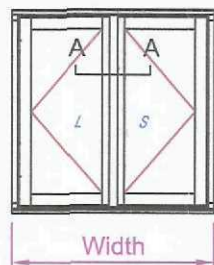
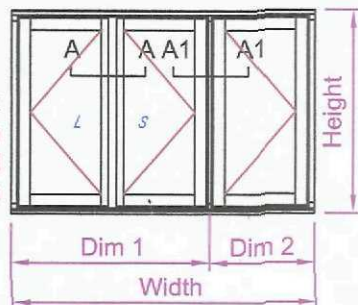


CILL EXTENTION & CHEEKS - available options: 25mm (93mm o/a) / 47mm (115mm o/a) / 62mm (130mm o/a) / 87mm (155mm o/a) / 114mm (182mm o/a) / 125mm (193mm o/a) / 140mm (208mm o/a)

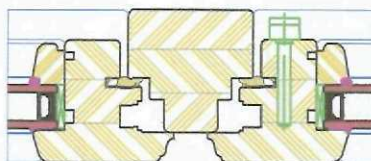


A FLYING MULLION / SOLID MULLION

min Height = 850mm
min Dim 1 = 900mm



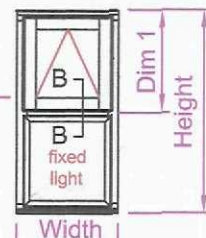
Section A-A Flying Mullion



Section A1-A1 Solid Mullion

B TOP HUNG

Max: 800-1100mm



min Dim 1 = 900mm
min Width = 875mm

Section B-B Solid Mullion



MINIMUM SASH WIDTH TO ACHIEVE FIRE ESCAPE

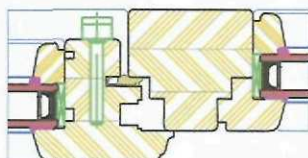
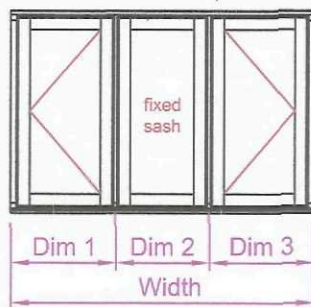
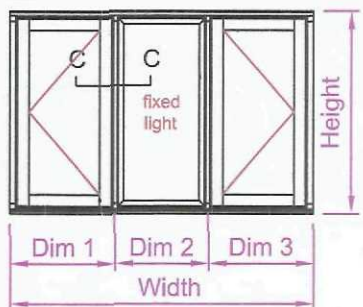


Egress Position

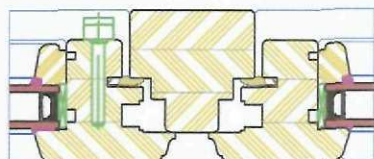
Easyclean Position

NOTE: A minimum clear opening of 450mm in both Width and Height plus area of 0.33m² is required to comply with Fire Escape Regulations - Part B

C OFFSET MULLION



Section C-C Solid Mullion



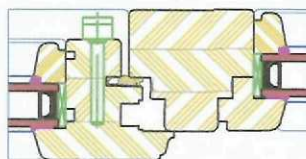
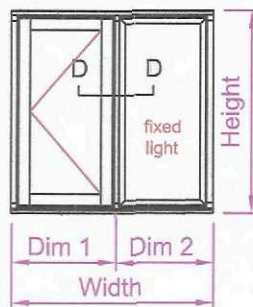
Section C1-C1 Solid Mullion

min Height = 850mm
min Dim 1 / 3 = 623mm
min width for equal mullion = 869mm

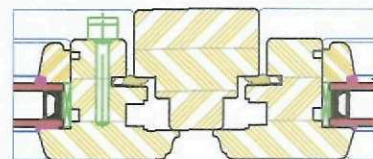
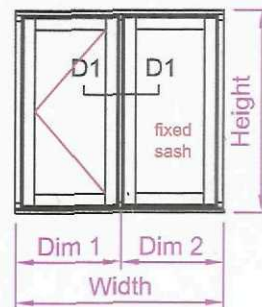
Ref: 0064-1

01 FEB 2011

C1 D OFFSET MULLION



Section D-D Solid Mullion



Section D1-D1 Solid Mullion

min Height = 850mm
min Dim 1 = 623mm
min width for equal mullion = 1240mm

S/C No. _____

Page _____ of _____

Ref	Option	W (mm)	W (mm)	Dim 1 (mm)	Dim 2 (mm)	Dim 3 (mm)

ALL DIMENSIONS IN mm ORIGINAL PLOT A0 SIZE (840x1188)

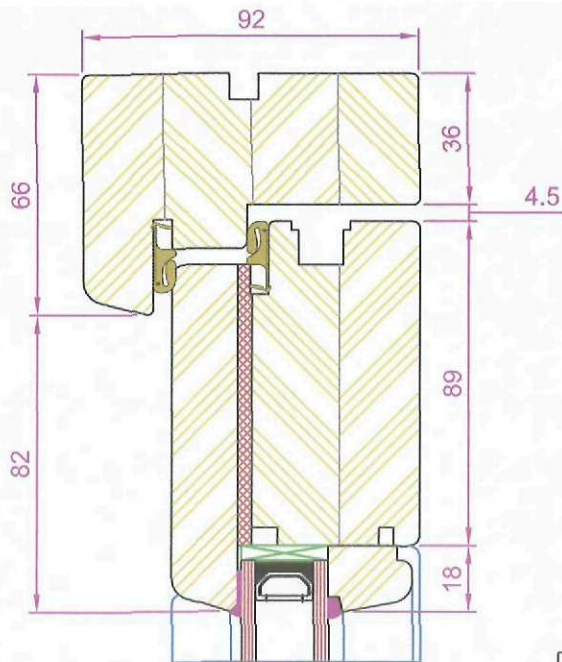
SCALE 1 : 1 GENERAL TOLERANCE + 2 MATERIAL Timber

TITLE LIPPED CASEMENT Fire Escape Details

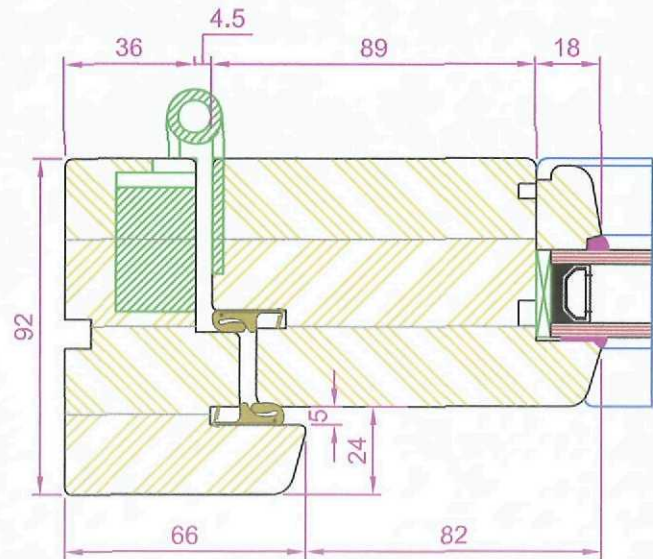
E.Pech 06.08.2007 0
DRAWN BY CHECKED DATE ISSUE
DWG NO. 0149 SHT 1

Bereco
DELIVERING THE DIFFERENCE

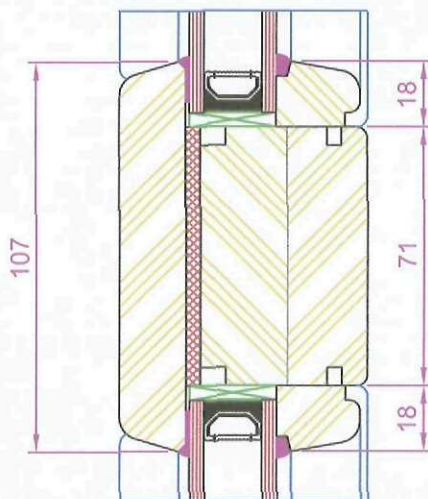
Section A-A (Dwg.No. 1109)



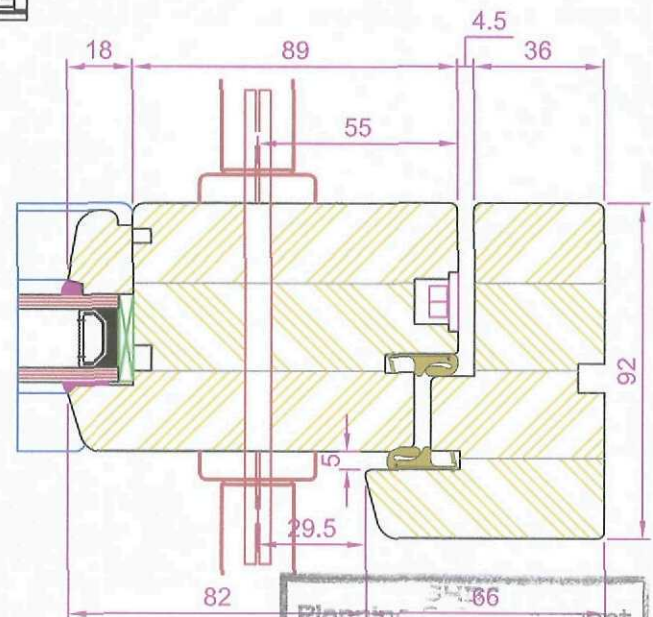
Section B-B (Dwg.No. 1110)



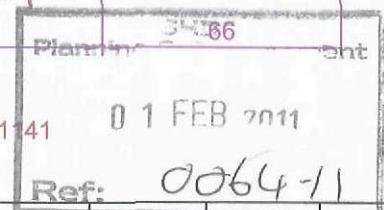
Section A-A (Dwg.No. 1115)



Section B-B (Dwg.No. 1111 mirr'd)



FOR THRESHOLD OPTIONS PLEASE SEE DRAWING no: 1106 - 1108 / 1112 - 1114 and 1141
 Note: Hinge colour available in Stainless Steel only.



ALL DIMENSIONS IN mm ORIGINAL PLOT A2 SIZE (420x594)

SCALE

1 : 1

GENERAL
TOLERANCE
+ 2

MATERIAL

Timber

TITLE

FLUSH DOOR OPEN IN
 Standard Sections Single Door Leaf

E.Pech

06.08.2007

0

DRAWN BY
DWG NO.

CHECKED

DATE

ISSUE
SHT

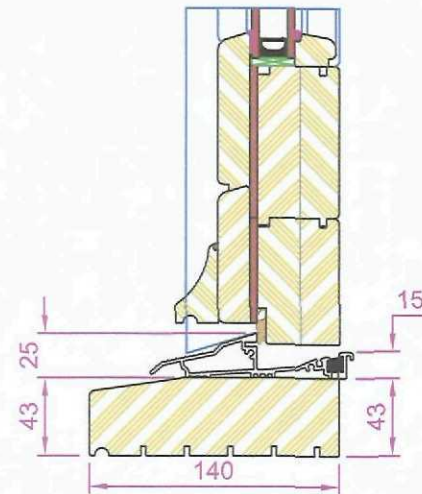
1132

1

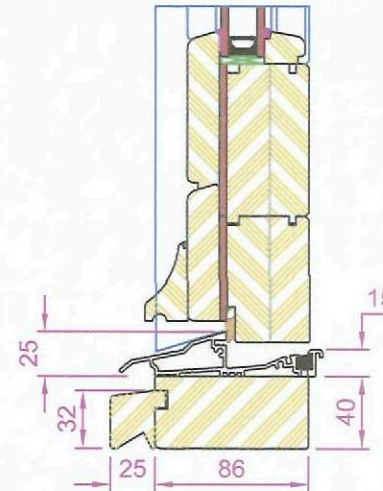
Page _____ of _____

[illegible]

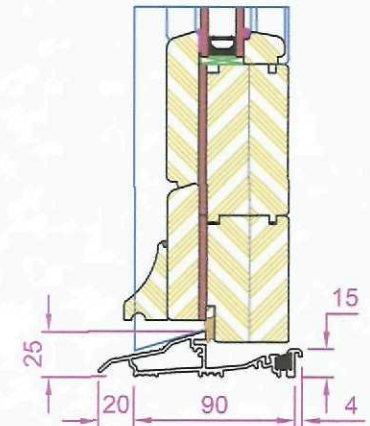
Standard Thresh Open In Lipped Door
LI - 1



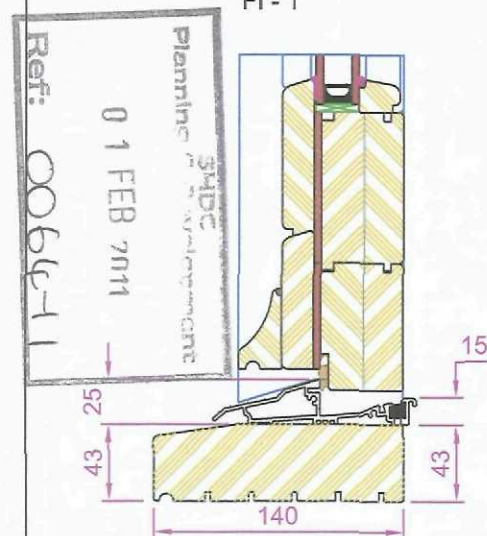
Site-Coupling Thresh Open In Lipped Door
LI - 2



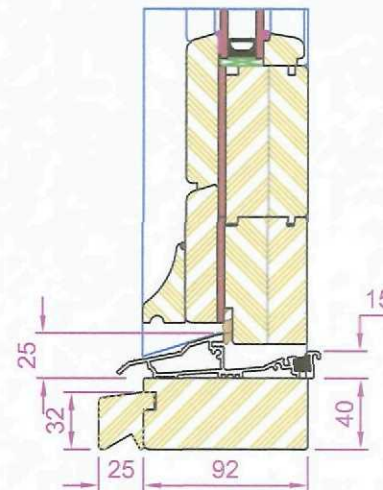
Mobility Thresh Open In Lipped Door
LI - 3



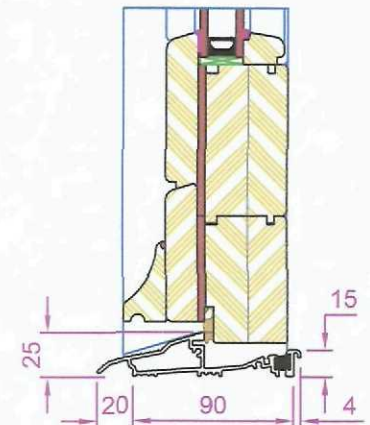
Standard Thresh Open In Flush Door
FI - 1



Site-Coupling Thresh Open In Flush Door
FI - 2



Mobility Thresh Open In Flush Door
FI - 3



ALL DIMENSIONS IN mm		ORIGINAL PLOT A0 SIZE (840x1188)				
SCALE 1 : 1	GENERAL TOLERANCE + 2	MATERIAL Timber	E.Pech		07.02.2008	
			E.Pech		06.08.2007	0
TITLE THRESHOLD OPTIONS OPEN IN Lipped Door / Flush Door			DRAWN BY	CHECKED	DATE	ISSUE
			DWG NO. 1141 / 1341			