

The Lantern Rooflight, Wiltshire. For the full case study visit:  
[www.therooflightcompany.co.uk/case-studies](http://www.therooflightcompany.co.uk/case-studies)

# Rooflights Brochure

For beautifully designed, naturally lit flat roof environments.

Issue No. 1: July 2013



  
the  
Rooflight  
Company  
*The Professionals' Choice*



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Founded in 1993 by architect, Peter King RIBA, created the original conservation roof window (the Conservation Rooflight®), which continues to lead the marketplace as the best product in its class. Today, this award-winning organisation is developing in the field of contemporary architecture and interior design. This was underlined when the Rooflight Company commenced production of its innovation - **neo™**.

Featuring a sleek design and flush edge-to-edge glazing, **neo™** has unique properties and a frameless, minimalist appearance which complements modern architecture perfectly. Designed entirely from the specifier's point of view, its clean lines merge unobtrusively with the roof and provide unobscured views from the interior.

Underpinned by this ethos of innovative design, it is continuously evolving its product range and breaking new ground with its acclaimed, industry-leading concepts.

# The Rooflight Experts



No. KM 93754  
© The Rooflight Company  
Shipton-under-Wychwood  
BS EN 1279-2:2002  
BS EN 1279-3:2002  
Insulating Glass Units



Assessed to ISO 9001  
LPCB ref. no. 929

## Standards and Performance

### Kite Mark

The BSI Kitemark scheme for insulating glass units is recognised as the best way to identify certified, quality safety glass for use in buildings. We are certified to BS EN 1279-2 and BS EN 1279-3.

### Secured by Design

The Rooflight Company designed the first rooflight to be Secured by Design certified to Loss Prevention Standard 1175-6 Level 3. See pages 20-23.

### ISO 9001

The Rooflight Company is ISO 9001 certified, meaning that all our roof windows are manufactured to this Quality Management standard.



Residential Property Oxford. Walk on Rooflights allow natural light ingress to spaces below whilst creating a usable space above.



Robinsons Brewery Visitors Centre. A total of eighteen modular sections were joined together to create one large Lantern Rooflight.



Pyramid and Lantern Rooflights were specified to provide light and ventilation to a large flat roof extension in this updated mansion house.



Two Pyramid 1200s were installed on this National Trust property in Surrey along with two special Lanterns.



## Design Focus

Great design is at the heart of all of our rooflights. Each of our rooflights are aesthetically pleasing and features fine lines, a low-profile and a high quality finish both inside and out. That's why we've been specified by many of the Top 100 architects practices such as Zaha Hadid, Purcell Miller Tritton and Will Alsop, to name but a few.

## Durability

Made from mild steel, each of our rooflights is designed to last. We provide a glazing guarantee of 5 years and 12 years frame guarantee on every rooflight.

## Choice & Sizes

The Rooflight Company offers the UK's widest range of roof windows, rooflights and bespoke designs. Whatever shape your roof window project is, we'll have the perfect fit.

## Neat & Easy to Install

All of our rooflights are simple to install and technical advice is always on hand from our technically-trained team should you require it.

## Service

As a company founded by an architect, we are unique in truly understanding the needs of architects. Our in-house sales and design teams have the capability to take your brief and translate it into a complete solution including technical drawings.

## Designed & Assembled in the UK



The Rooflight Company is based in Oxfordshire and we are proud to be part of the British Manufacturing Industry. Employing over 60 staff, we design and assemble all of our rooflights here in the UK.

# Specification details for all rooflights

## How the Thermoliner® works

The unique and patented Thermoliner® thermally decoupled lining made from UPVC ensures condensation control. It is integral to the rooflight frame, inconspicuous and rebated for 12.5mm plasterboard or timber linings to aid internal finishing. The integral drainage slots ensure that any condensation that may occur is drained out of the building. The Thermoliner® is available in black, white, dark and light grey to match BS colours detailed below.

## Glazing

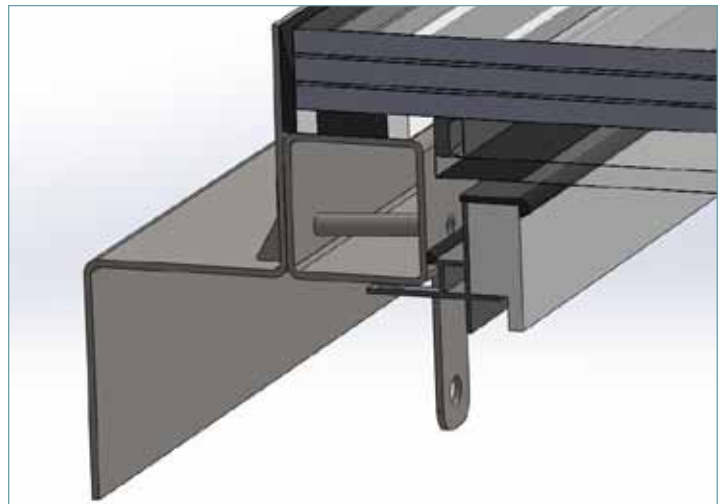
The standard glazing specification for rooflights achieves a centre pane u-value ( $U_g$ ) of  $1.2 \text{ Wm}^2\text{K}$  or  $1.0 \text{ Wm}^2\text{k}$  for Walk on Rooflights in accordance with EN 673:2011. The u-value results are for the glazing orientated in the vertical pane.

## Rooflight colour to match any roof covering

Black (RAL 9005) is our standard colour but white (RAL 9010), dark grey (BS00A13) and light grey (BS 00A09) are available and can be specified with matching silicone and Thermoliner®. However any colour of paint for the Flat Roof range can be specified according to project requirements.



All rooflights are constructed from a mild steel with protective coating, polyester-powder coated paint and condensation control from the patented Thermoliner®.



The Walk on Rooflight has a unique draining system. Any condensation which forms within the rooflight is channelled out through the drainage pipes and out of the casement.

Please specify colour:



WHITE  
(RAL 9010)



LIGHT GREY  
(BS 00A09)



DARK GREY  
(BS 00A13)

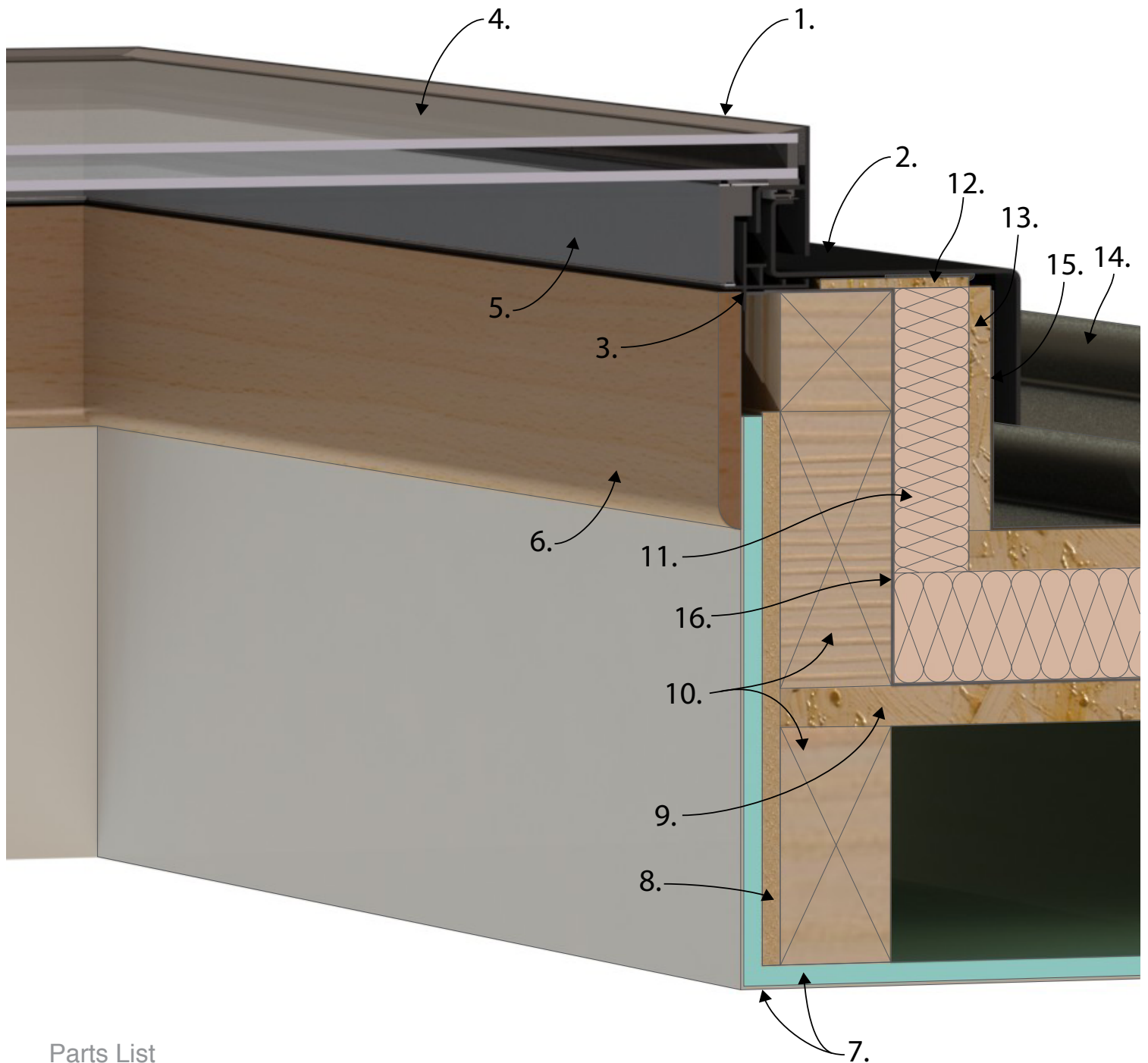


BLACK  
(RAL 9005)



# Jamb section showing Thermoliner®

Thermally-decoupled lining and interior reveal



## Parts List

- |                                     |                         |
|-------------------------------------|-------------------------|
| 1. Roof window casement             | 9. Deck                 |
| 2. Roof window baseplate            | 10. Structural supports |
| 3. Roof window thermoliner          | 11. Insulation          |
| 4. Roof window double glazing panel | 12. Packer              |
| 5. Roof window timber lining        | 13. Structural boards   |
| 6. Timber reveal                    | 14. Lead                |
| 7. Plaster board and skim           | 15. Roofing membrane    |
| 8. Ply packer                       | 16. Vapour barrier      |

# the Walk on Rooflight



Walk on Rooflight, Oxfordshire. For the full case study visit:  
[www.therooflightcompany.co.uk/case-studies](http://www.therooflightcompany.co.uk/case-studies)



# The Walk on Rooflight

A rooflight suitable for horizontal installation

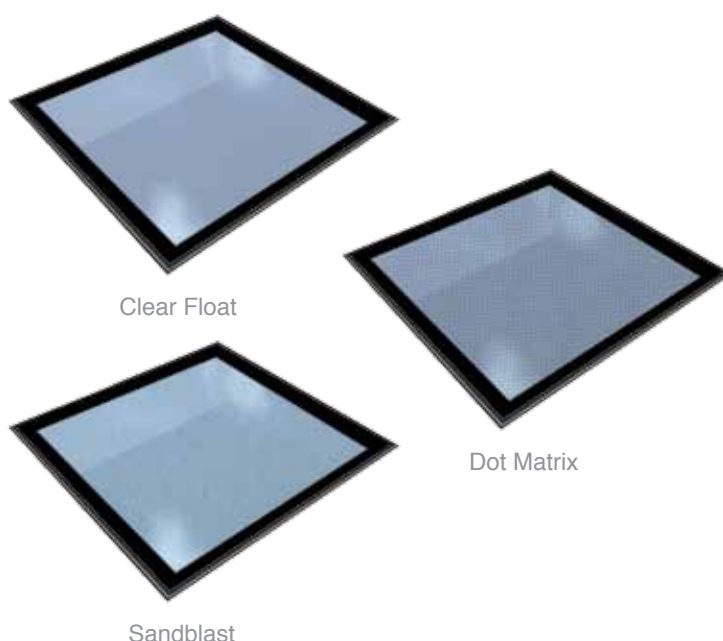
The Walk on Rooflight from the Rooflight Company is designed for domestic use of flat roof areas whilst affording the benefits of daylighting to the space beneath the roof.

The Walk on Rooflight concept is fast growing in popularity alongside the increasing need for maximum space utilisation. A typical installation is where access to a flat roof space is required to enable the area to be used as a roof terrace or garden or simply to allow safe access across the roof area.

The Rooflight Company Walk on Rooflight sits flush with the roofing material or decking surface and is available in a range of sizes, colours and glazing options, for example the installation may require an obscured inner leaf to the double glazed maximum unit to provide privacy to and from the space beneath. Discuss your requirements with the Customer Services team and we'll be happy to provide a Walk on Rooflight to suit your needs.

Features Include:

- Flush fitting.
- Stainless Steel construction for strength.
- Range of colour choices.
- Powder coated finish for durability.
- 'Fixed Shut' providing safety and sleek lines.
- Built to ISO 9001 in our UK factory.
- The Walk on Rooflight achieves a whole window u-value ( $U_w$ ) of  $1.3\text{Wm}^2\text{K}$  in accordance with EN ISO 10077-2:2012. The u-value results are for the window orientated in the vertical pane.
- Glazing Loads: 1.4kN concentrated loads and assumed uniform distributed load of  $1.5\text{kN/m}^2$ .
- Various surface finishes available(recommended slip resistance for external areas).



## Residential Property Oxford

How to maximise living space is a common challenge for architects, especially in urban areas.

The owner of this residential property in Oxford wanted to transform an unusable flat roof area with a domed skylight into an off-bedroom terrace, without reducing natural light ingress to the room below when removing the dome light.

The design of the Walk on Rooflight allowed the client to maximise the whole of the roof area as desired.

“The Walk on Rooflight was researched and specified by Tom Man from Perioi Man Architects. It was specified by the architect as being the perfect product for what the client was trying to achieve.

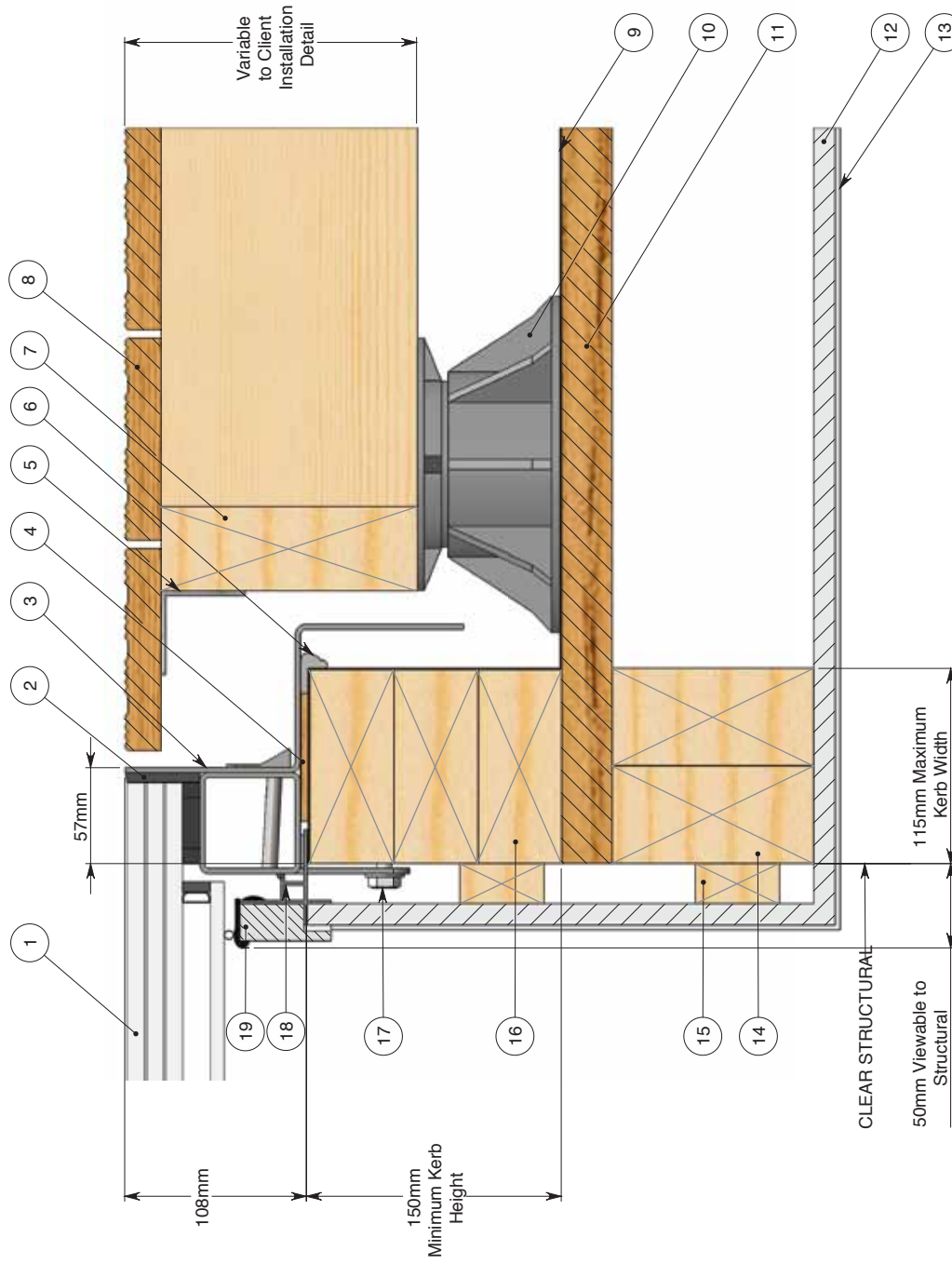
The technical information and support from the Rooflight Company was a key factor to the success of this project, having never installed a Walk on Rooflight before. They were able to answer all of our questions and queries throughout the project from design to installation to ensure all went smoothly.

The client is extremely happy as it has turned out exactly as she had imagined. We will definitely be working with you again on future projects.”

Steve - Rayner Ltd (Contractor)

The architect specified a Walk on Rooflight with structural measurements of 1148mm x 1148mm with clear glazing.

# The Walk on Rooflight Cross Section



Item	Description
1	33mm triple laminate outer panel, 16mm argon filled cavity, 8.8mm low emissivity laminated IGU - FACTORY FITTED
2	Low modulus, neutral cure silicone weather seal - FACTORY FITTED
3	Polyester powder coated stainless steel frame - FACTORY FITTED
4	Packer - SUPPLIED BY OTHERS
5	Decking support angle (use where required) - SUPPLIED BY OTHERS
6	Low modulus, neutral cure silicone thick perimeter seal (apply before fitting rooflight to kerb upstand) - SUPPLIED BY OTHERS
7	Decking timber frame - SUPPLIED BY OTHERS
8	Decking - SUPPLIED BY OTHERS
9	External weathered surface - SUPPLIED BY OTHERS
10	Adjustable decking support - SUPPLIED BY OTHERS
11	Roofing boards - SUPPLIED BY OTHERS
12	Plasterboard (12.5mm) - SUPPLIED BY OTHERS
13	Plaster skim (3mm nominal) - SUPPLIED BY OTHERS
14	Roof joists - SUPPLIED BY OTHERS
15	Softwood packers - SUPPLIED BY OTHERS
16	Kerb upstand - SUPPLIED BY OTHERS
17	Coachscrews - FACTORY SUPPLIED
18	Thermoliner - FACTORY FITTED
19	Timber linings - FACTORY FITTED*

\* THIS ITEM MUST BE PAINTED WITH A TIMBER FINISHING PAINT ONCE THE UNIT IS INSTALLED TO ENSURE LONGEVITY OF THIS COMPONENT - UNDERTAKEN BY OTHERS.

THE WALK-ON PLATEAU ROOFLIGHT SHOULD BE INSTALLED ONTO A FLAT ROOF CONSTRUCTION THAT HAS SUFFICIENT CONSIDERATION TO ALLOW FOR ADEQUATE DRAINAGE BOTH OFF THE ROOFLIGHT STRUCTURE AND THE ROOFLIGHT ITSELF. IF SUFFICIENT DRAINAGE IS NOT PRESENT, WATER POOLING MAY OCCUR, WHICH WILL REQUIRE MORE REGULAR CLEANING OF THE ROOFLIGHT.

PLEASE NOTE:

THIS DRAWING DOES NOT CONSTITUTE A STRUCTURAL PROPOSAL. SIZING OF STRUCTURAL SUPPORT MEMBERS TO BE PROVIDED BY ROOFLIGHT PURCHASER'S STRUCTURAL ENGINEER.

FOR DOMESTIC LOADING APPLICATIONS ONLY WHERE:  
 > MAXIMUM CONCENTRATED LOAD = 1.4kN.  
 > MAXIMUM UNIFORM DISTRIBUTED LOAD = 1.5kN/m<sup>2</sup>.

The Rooflight Company's POLICY IS TO CONTINUOUSLY DEVELOP AND IMPROVE OUR PRODUCTS AND THEREFORE RESERVE THE RIGHT TO MODIFY OR CHANGE PRODUCT DETAILS AT OUR DISCRETION AND WITHOUT PRIOR NOTICE.

# The Walk on Rooflight Sizes

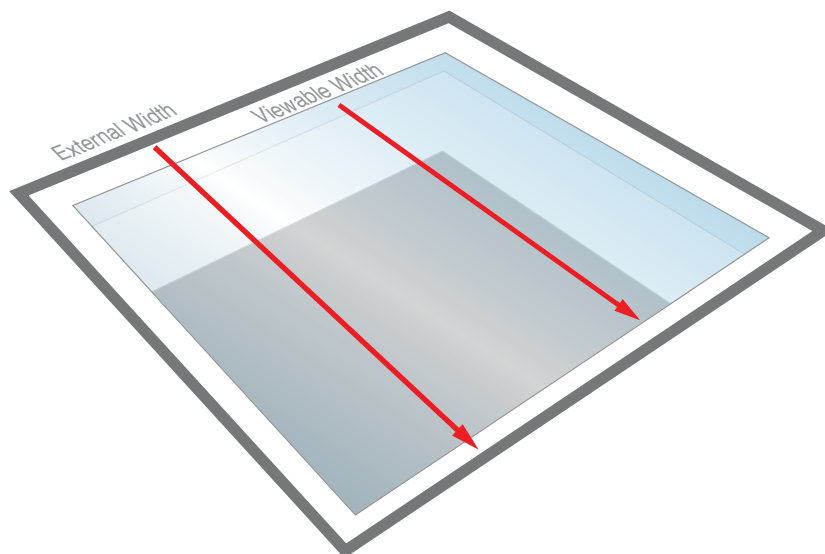
External Width (mm)	814	1114	1414	1514	1714	2214
Structural Kerb Width (mm)	700	1000	1300	1400	1600	2100
Internal Viewable Width (mm)	600	900	1200	1300	1500	2000

814	700	600	WO-01	WO-07	WO-08			
1114	1000	900		WO-02	WO-09		WO-10	WO-12
1414	1300	1200			WO-03		WO-11	
1514	1400	1300				WO-04		

External Width (mm)	814	1114	1414	1514
Structural Kerb Width (mm)	700	1000	1300	1400
Internal Viewable Width (mm)	600	900	1200	1300



For more information regarding sizes and installation, contact our technically-trained team on 01993 833108.

# the Lantern Rooflight



Bespoke Lantern Rooflight, Wiltshire. For the full case study  
visit: [www.therooflightcompany.co.uk/case-studies](http://www.therooflightcompany.co.uk/case-studies)

# the Lantern Rooflight

A rooflight suitable for horizontal installation.

Lantern Rooflights are used to great effect in many types of buildings particularly Victorian ones, where the shape and proportions fit well with the architecture. Their fine steel edges and traditional appearance ensure that the original lines of the building are not disrupted, and the increase in light they offer is extremely effective.



Interior view of a Lantern Rooflight 1200mm x 1500mm.



A Lantern Rooflight measuring 1200mm x 1500mm for a residential property, Wiltshire.



The silicone and Thermoliner® are white to blend with the pale interior on this Lantern Rooflight.

## Residential property, Knightsbridge, London

The impact of overhead natural light can turn a normal stairwell into a masterpiece of shadows and tones - precisely the result of installing this Lantern (1200mm x 1500mm) into an early Victorian villa in central London. The narrow steel sections maximise light to the stairwell below. In order to blend with the pale yellow interior, the glazing bars and silicone are white, as is the Thermoliner® thermal lining, which ensures condensation control.

The Lantern replaced a tired polycarbonate dome yellowed with age.

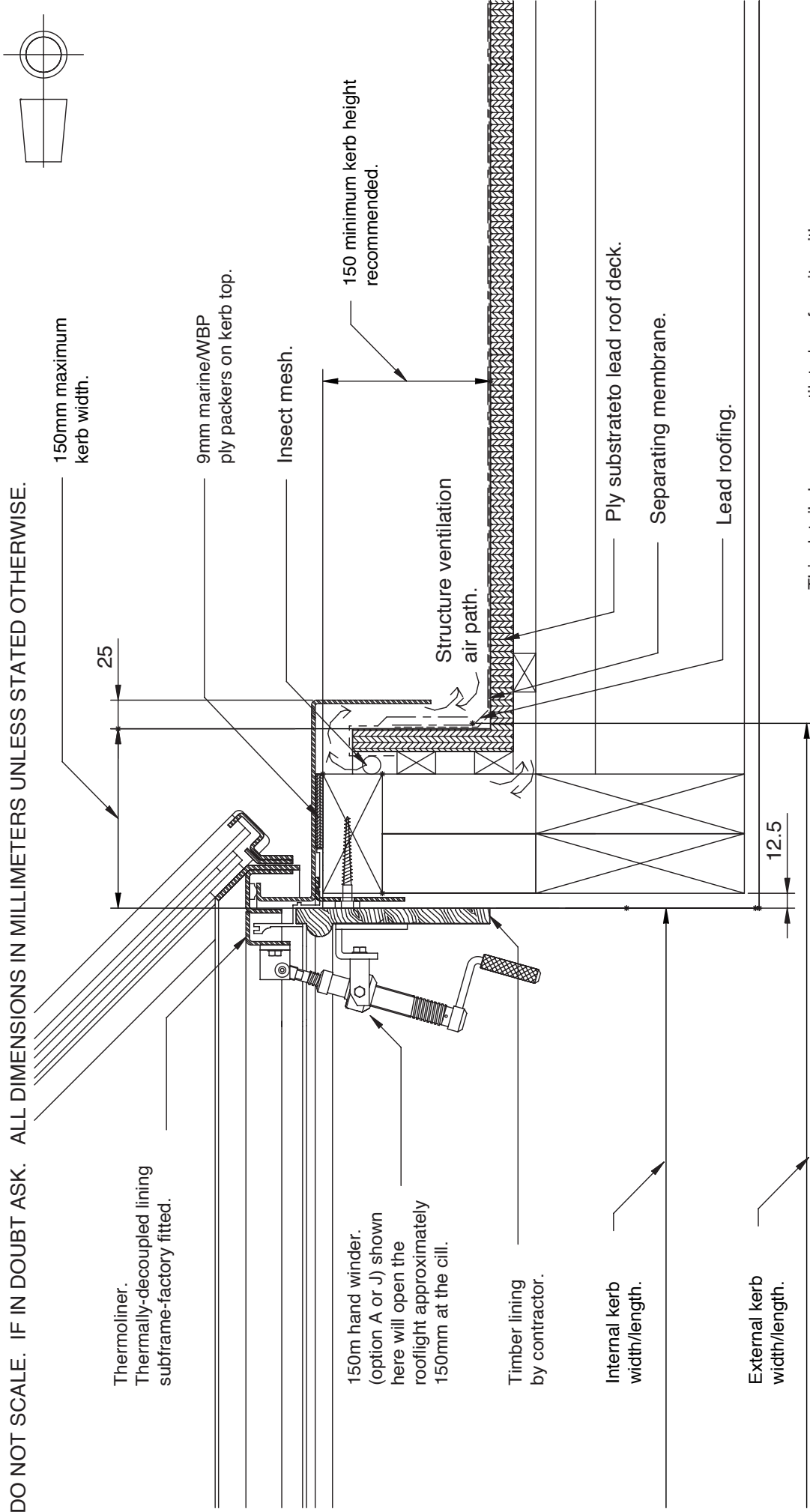
## Lantern Rooflight, Calne, Wiltshire

Neville Hoyland of Watson Bertram and Fell, Bath, specified this Bespoke Lantern for a new extension to an early Victorian dairy. The client wanted a light and airy room, which is positioned at the south west corner, but did not want a conservatory. The solution was to specify a Lantern Rooflight measuring 1200mm x 2500mm which illuminates the room and enhances the building's external appearance.

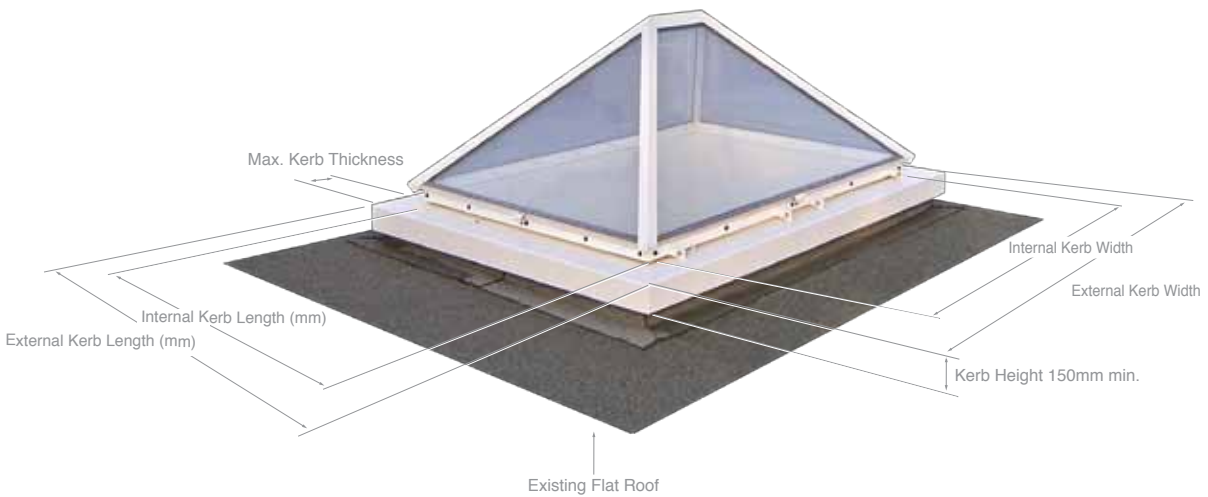
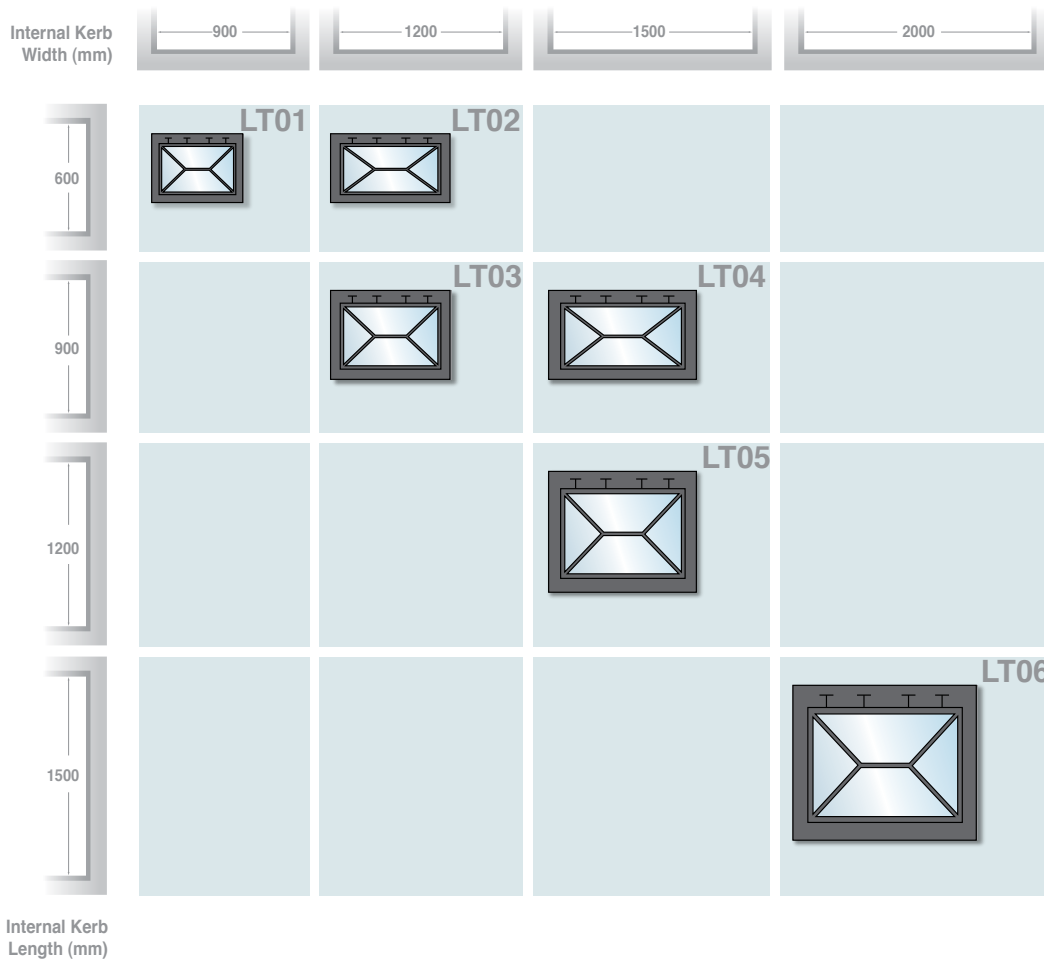


A Lantern Rooflight measuring 1200mm x 1500mm for a residential property, Wiltshire.

# The Lantern Rooflight Cross Section



# The Lantern Rooflight Sizes



Model	Max.Kerb Thickness (mm)	Internal Kerb Width (mm)	Internal Kerb Length (mm)	Max.Ext.Kerb Width (mm)	Max.Ext. Kerb Length (mm)	Rooflight Weight (Kg)	Glazing Pitch* (degrees)
LT01	150	900	600	1200	900	75	45
LT02	150	1200	600	1500	900	86	45
LT03	150	1200	900	1500	1200	112	45
LT04	150	1500	900	1800	1200	127	45
LT05	150	1500	1200	1800	1500	162	45
LT06	150	2000	1500	2300	1800	226	45

\*Note: Standard pitch is 45°. A 10° - 45° glazing pitch can be specified on a non standard Rooflight. Please contact Customer Service on 01993 833143, 833117, 833136.

# the Pyramid Rooflight



The Pyramid Rooflight, East Sussex. For the full case study visit:  
[www.therooflightcompany.co.uk/case-studies](http://www.therooflightcompany.co.uk/case-studies)



# The Pyramid Rooflight

A rooflight suitable for horizontal installation.

The Pyramid shape is incorporated in many project designs today for both traditional and modern buildings. The Pyramid Rooflight benefits from the same weathering and design characteristics featured in page 6. The finely detailed design along with the Pyramid's weathering prospects are cited as reasons for specification.



Black Pyramid Rooflights provide light and ventilation in an extension to a Tudor building.

## Commercial Premises, Tewkesbury

Pyramid Rooflights were specified for an extension to commercial premises in the historic High Street of Tewkesbury. As a large number of the original Tudor buildings overlook the property, the architect wanted to achieve an appearance that was aesthetically pleasing, while introducing much-needed ventilation.



A combination of Pyramids and Lanterns provide huge amounts of light while being aesthetically pleasing.

## Mansion House, Wiltshire

Pyramid and Lantern Rooflights were specified to provide light and ventilation to a large flat roof extension to a mansion house in Wiltshire. The architect wanted to maximise light to the new accommodation and chose four Pyramid 1200mm and two Lanterns measuring 1200mm x 1500mm. The fine steel lines ensure maximum light penetration to the spaces below, while offering a pleasing visual appearance to the roof.

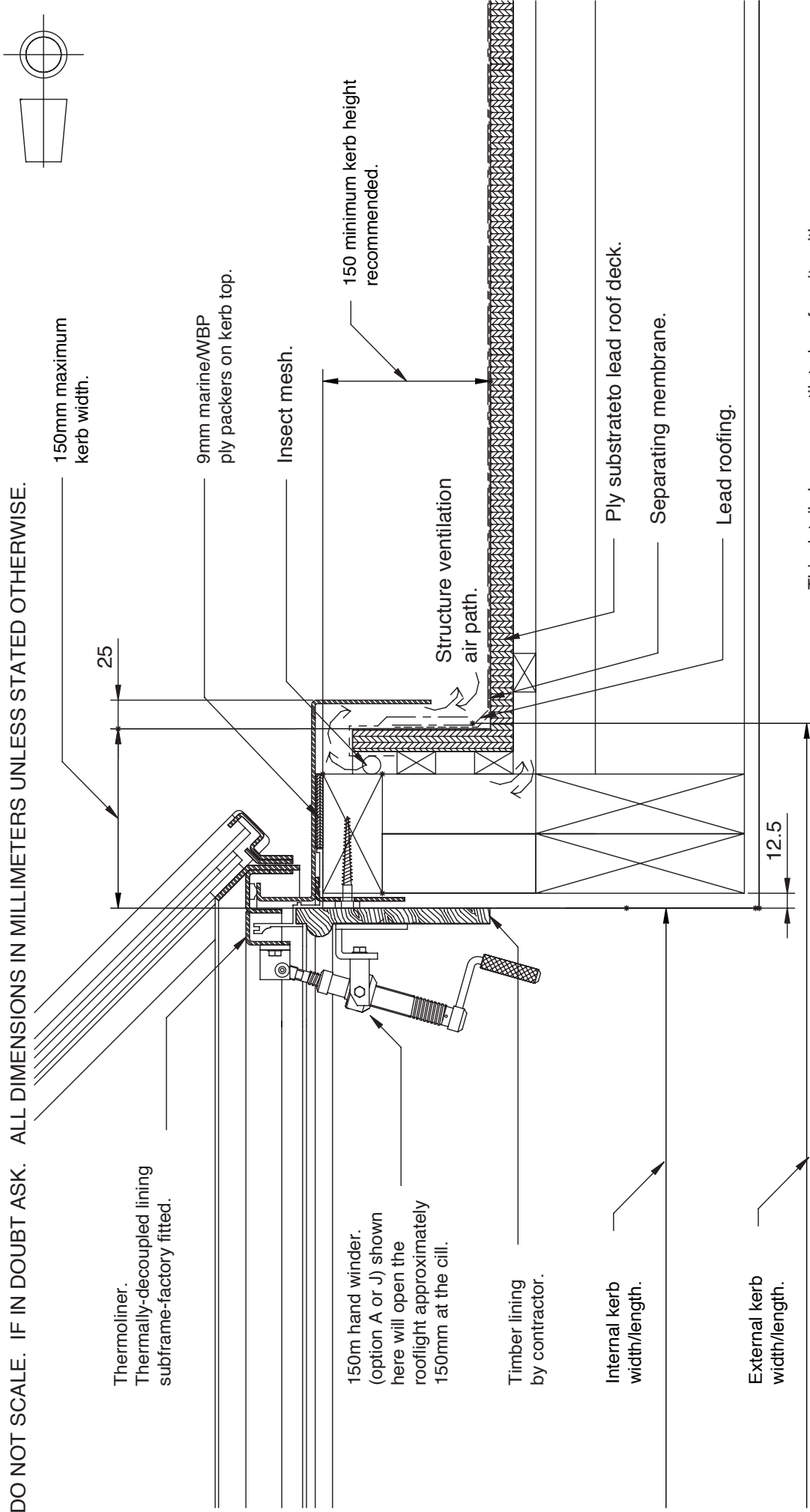


A Conservation Rooflight® and a Pyramid Rooflight.

## Extension to church, Ringmer, East Sussex

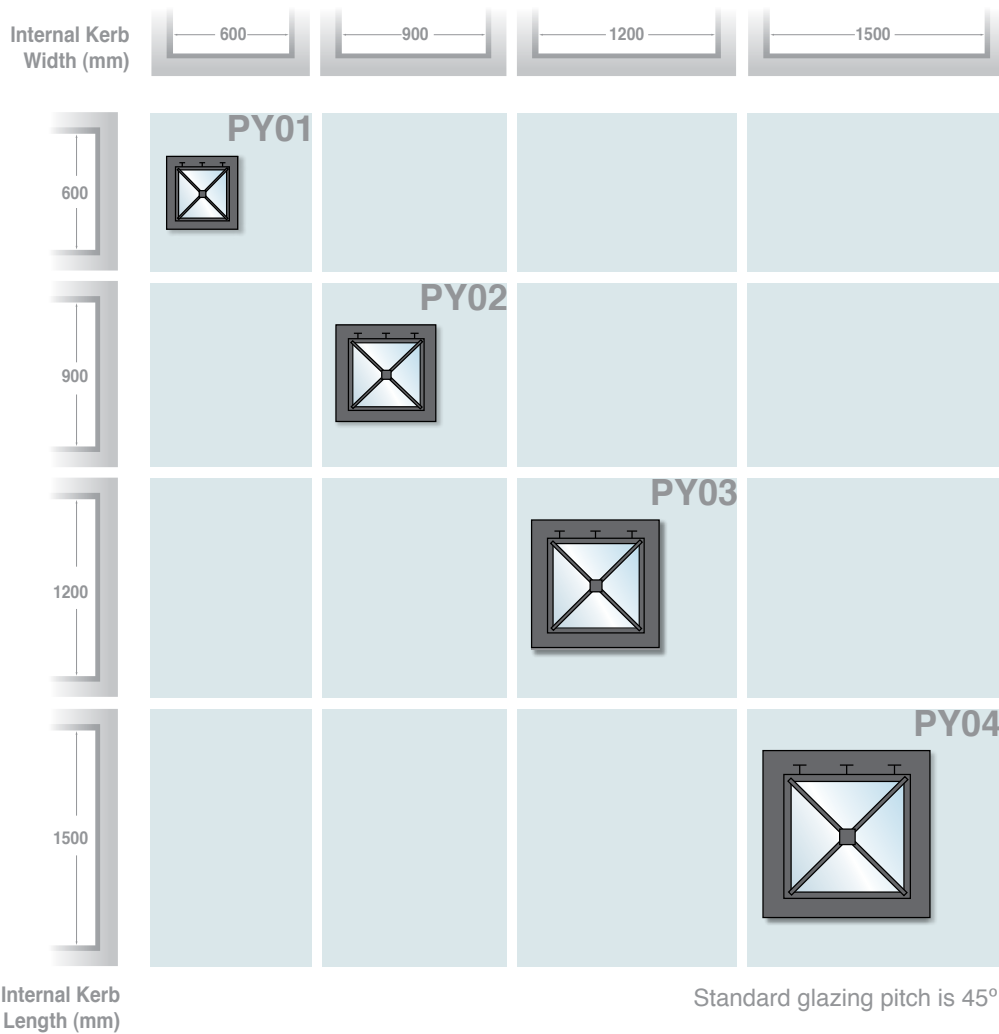
A Pyramid Rooflight measuring 1200mm x 1200mm placed deep in a leaded valley between clay-tiled pitched roof sections to an extension of a church. The Pyramid Rooflight cannot be seen externally, but floods a lobby between the old church and new community rooms below with light – introducing an element of surprise into an area with no apparent natural light source. The clear glass of the Pyramid Rooflight assists light penetration, where an obscured or polycarbonate unit would not let in sufficient light to give this surprise effect.

# The Pyramid Rooflight Cross Section

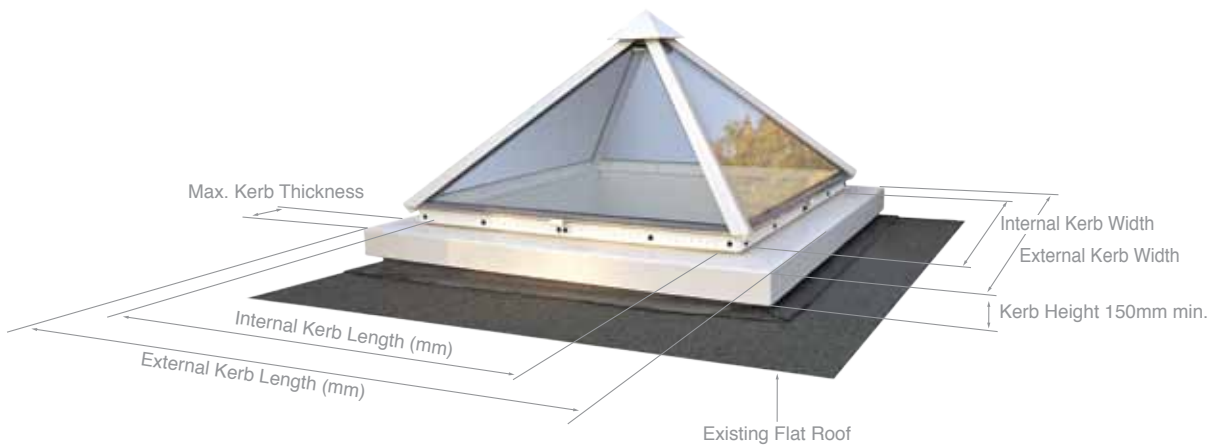


This detail shows a ventilated roof cavity with a lead/sheet covering over.

# The Pyramid Rooflight Sizes



the Pyramid Rooflight



## the Pyramid Rooflight

Model	Max.Kerb Thickness (mm)	Internal Kerb Width (mm)	Internal Kerb Length (mm)	Max.Ext. Kerb Width (mm)	Max.Ext. Kerb Length (mm)	Rooflight Weight (Kg)	Glazing Pitch * (Degrees)
PY01	150	600	600	900	900	54	45
PY02	150	900	900	1200	1200	87	45
PY03	150	1200	1200	1500	1500	127	45
PY04	150	1500	1500	1800	1800	177	45

\*Note: Standard pitch is 45°; A 10° - 45° glazing pitch can be specified on a non standard Rooflight. Please contact Customer Service on 01993 833143, 833117, 833136.

The Secured by Design Rooflight. For more information visit:  
[www.therooflightcompany.co.uk/case-studies](http://www.therooflightcompany.co.uk/case-studies)

# The Secured by Design Rooflight



# The Secured by Design Rooflight

A rooflight suitable for roofs between 3° and 5°.



**For buildings where security is paramount, the Secured by Design Rooflight is the first rooflight to be Secured by Design accredited to Loss Prevention Standard 1175-6 Level 3.**

Features include:

- Standard Double glazing includes outer pane conforming to CAT P6B BSEN356 combined with a low u-value
- Glazing options include obscure glass
- Fixed shut stainless steel frame
- Maximum security and anti-glare glazing options
- Optional coated stainless intruder security bars
- Available in white, black, light and dark grey or any RAL colour.

## The Keep

The Keep is a new-build historical research centre in Falmer, Brighton. The building has been designed to be used by the general public or educational groups within the community. The project started in 2011 and opened in June 2013.

The architects wanted to design a modern building which combined latest technologies. As well as high security elements such as solar panels and solar heating, thick walls and a biomass boiler were used so the so that the final building would be certified as a BREEAM Excellent Building.

Due to the nature of the content held within the building, the architect wanted to specify rooflights which would provide maximum security to the building. The Rooflight

Company were the only manufacturer manufacturer that Atkins Architects could find which offers Secured by Design.

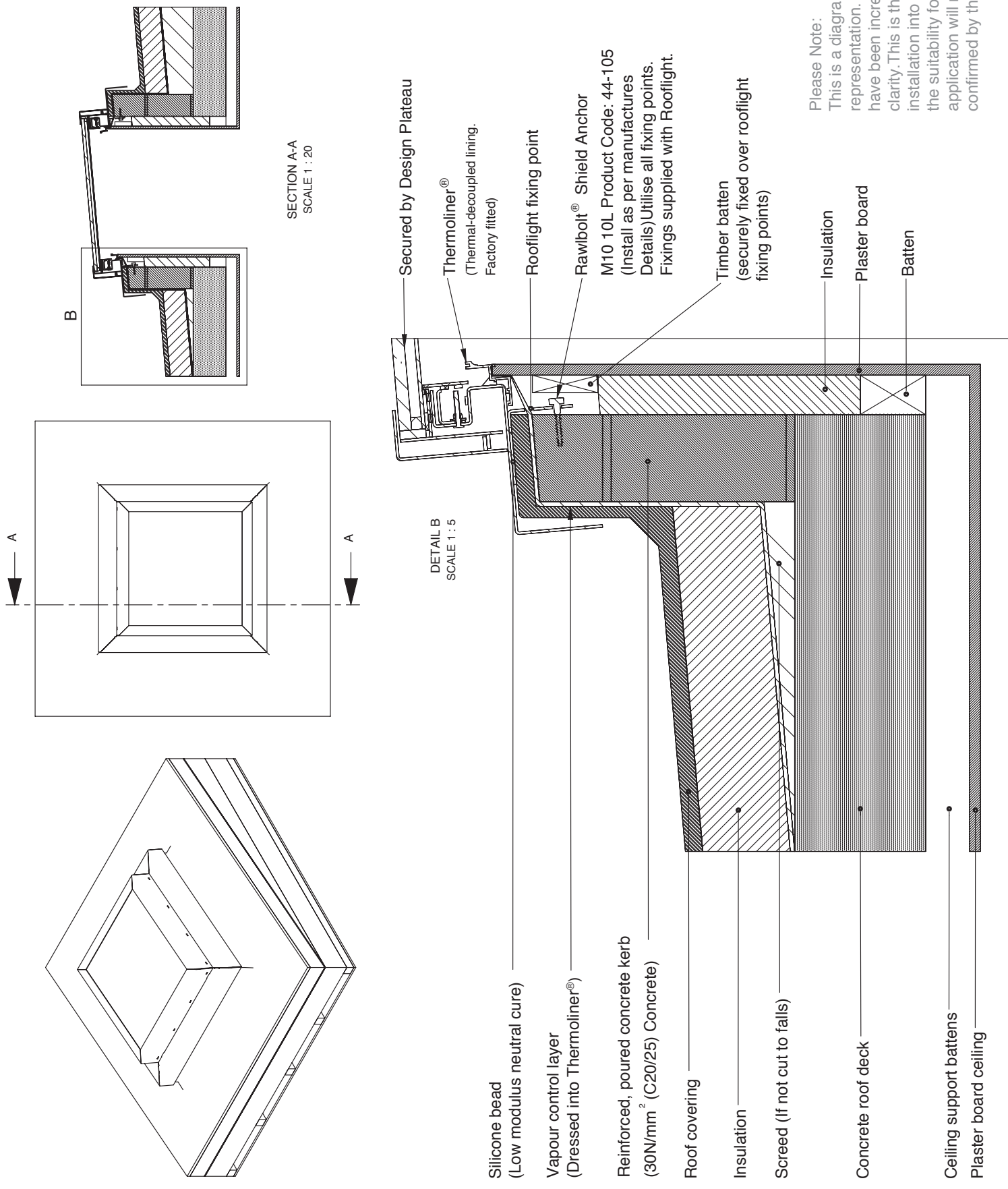
“Kier worked with the rooflight company for over two years on this project as they were able to meet the specific brief of high security rooflights required. They offered a rooflight solution which matched the security levels needed for the building which no other manufacturer can supply.”

Kier, Main Contractors

A total of ten Secured by Design Rooflights were supplied to this scheme, measuring 1225mm x 1225mm and in jet black.



# The Secured by Design Rooflight Cross Section

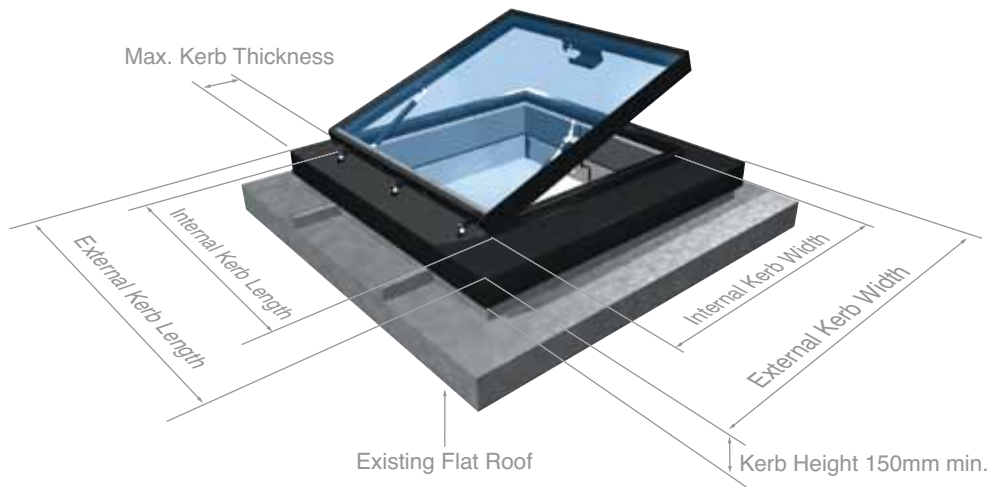
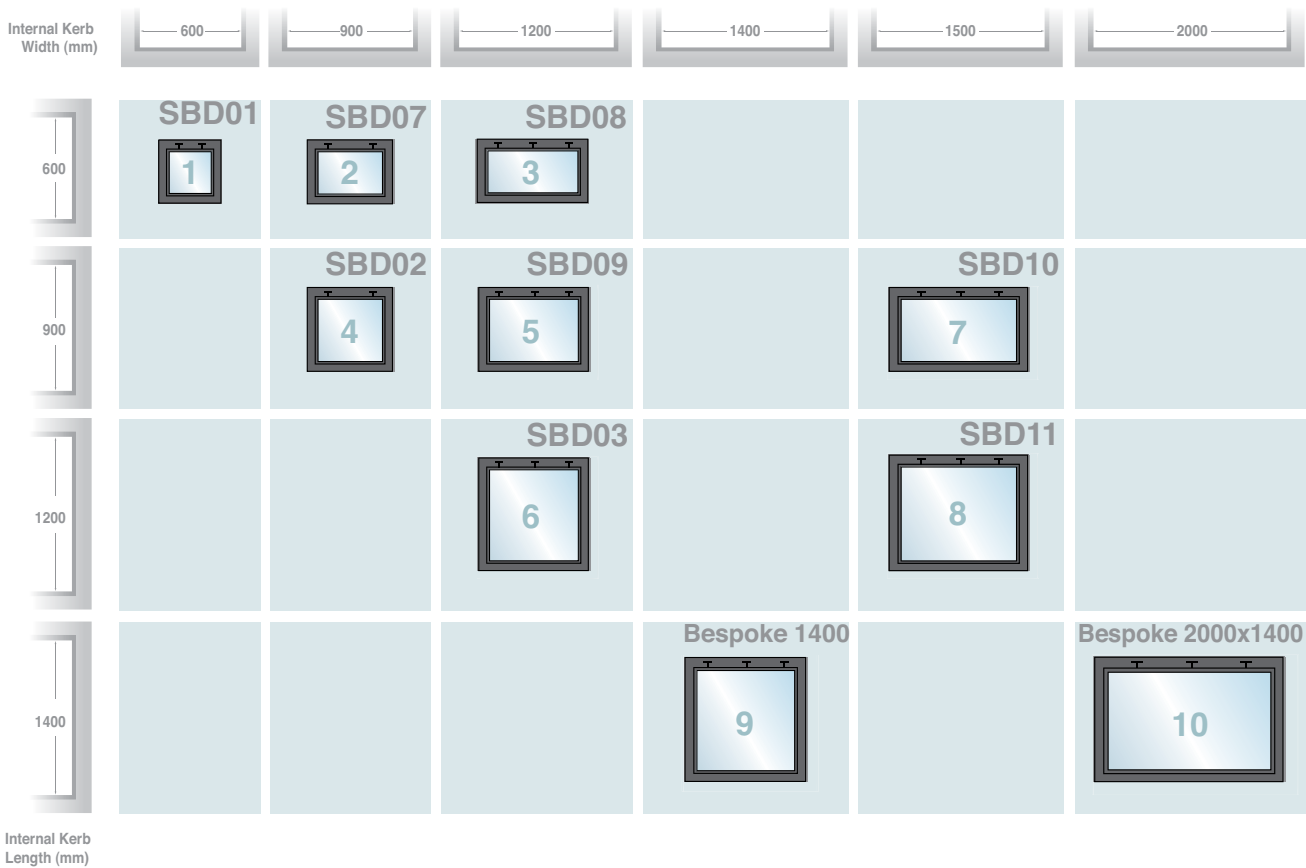


SECTION A-A  
SCALE 1 : 20

DETAIL B  
SCALE 1 : 5

Please Note:  
This is a diagrammatical representation. Some components have been increased in scale for clarity. This is the recommended installation into a concrete slab roof, the suitability for the specific application will need to be confirmed by the project engineer.

# The Secured by Design Rooflight Sizes



## Additional Security Options

## Secured by Design Accredited

	Code	Additional Security Options			Secured by Design Accredited			
		Security Hinges	Cover	Bars	L2 Approved	L3 Approved		
<b>1</b>	SBD01	£47	£222	£313	SBD L2 01	£1318	SBD L3 01	£1590
<b>2</b>	SBD07	£47	£262	£298	SBD L2 07	£1660	L3 Not available in this size	
<b>3</b>	SBD08	£47	£307	£313	SBD L2 08	£2106	L3 Not available in this size	
<b>4</b>	SBD02	£47	£301	£343	SBD L2 02	£2460	L3 Not available in this size	
<b>5</b>	SBD09	£47	£340	£343	SBD L2 09	£2995	L3 Not available in this size	
<b>6</b>	SBD03	£47	£380	£351	SBD L2 03	£3970	L3 Not available in this size	
<b>7</b>	SBD10	£47	POA	POA	SBD L2 10	£3555	L3 Not available in this size	
<b>8</b>	SBD11	£47	POA	POA	SBD L2 11	£4880	L3 Not available in this size	
<b>9</b>	Bespoke 1400	£47	POA	POA	L2 Bespoke 1400	£5141	L3 Not available in this size	
<b>10</b>	Bespoke 2000x1400	£47	POA	POA	L2 Bespoke 2000x1400	£7124	L3 Not available in this size	

the Secured by Design Rooflight

# the Added Security Rooflight



The Added Security Rooflight, St Peter's School in Gloucestershire. For the full case study visit:  
[www.therooflightcompany.co.uk/case-studies](http://www.therooflightcompany.co.uk/case-studies)



# The Added Security Rooflight

A rooflight suitable for roofs between 3° and 5°.

For buildings where security is paramount but where the Secured by Design accreditation is not necessary, the Added Security Rooflight is available with a choice of specification.

Features include:

- A flexible menu of Added Security options to meet the specific needs of your project including openable rooflights, combining aesthetics and security
- Glazing options include CAT P6B BS EN 356 with bonded interlayer, reducing risk of intrusion
- Tamper proof hinges and security bars
- Optional protective glazing perimeter guard to increase security
- Bespoke design service readily available
- Linked sensors to fire alarm systems
- Low profile casement standing only 95mm above kerb height
- Available in white, black, light and dark grey or any RAL colour.

## St Peter's Catholic Primary School

St Peter's Catholic Primary School is a newbuild project in Gloucester. The original school has been demolished to make way for a modern building that is light and airy with open spaces replacing cramped, dark corridors and internal classrooms being joined to outdoor learning areas.

Each corridor space is flooded with natural light and ventilation through a total of 17 openable Plateau Rooflights. Two of these rooflights are linked together to create a large expanse of light, and one rooflight is a large bespoke array spanning 12m long by 1m wide.

"We put a lot of investment into the roof as the client wanted to maximise commodities such as natural light and air, and by using large rooflights this is achieved. It is widely accepted that concentration levels are improved when light and fresh air is available and this is vital in a school environment. The Rooflight Company designed a rooflight that was

12m long and 1m wide – this is not something we could achieve elsewhere. We also wanted to open the rooflights as wide as possible and the system provided allowed us to do this.

The Rooflight Company enabled us to have the added security features such as tamper proof hinges without having bars across the glazing which we felt would compromise aesthetics, light and shadow."

Architect: Rob Tadman – Fielden Clegg Bradley Studios  
Schools are vulnerable buildings and the local Crime Prevention Officer was involved in the project, wanting to ensure that added security methods were put in place to prevent unauthorised access via the roof. In addition, each rooflight has been fitted with tamper proof fittings.

The rooflights are also connected to the building management system with rain sensors, ensuring that the rooflights automatically close in bad weather conditions.

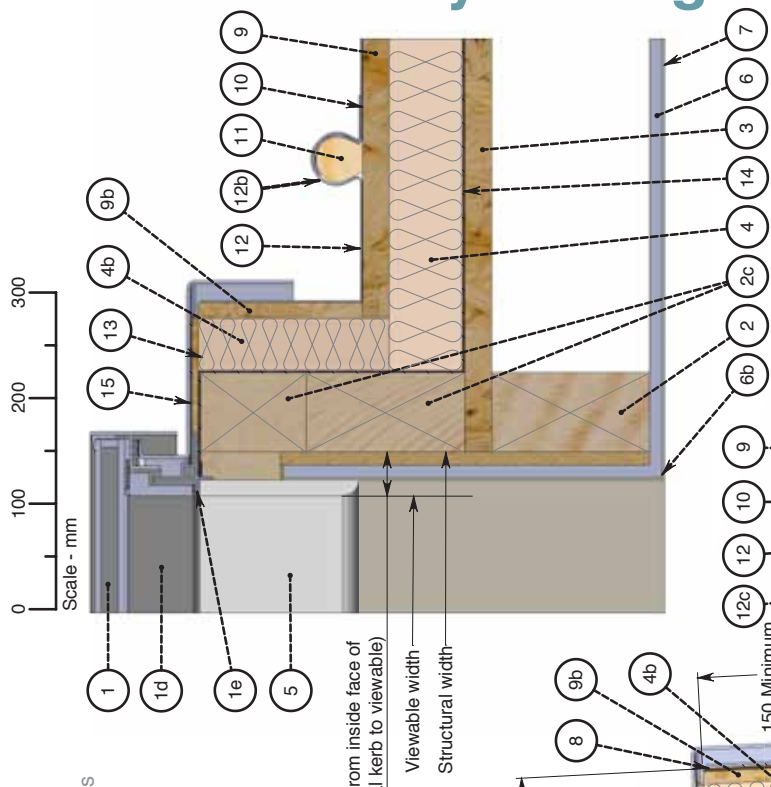


# The Added Security Rooflight Cross Section

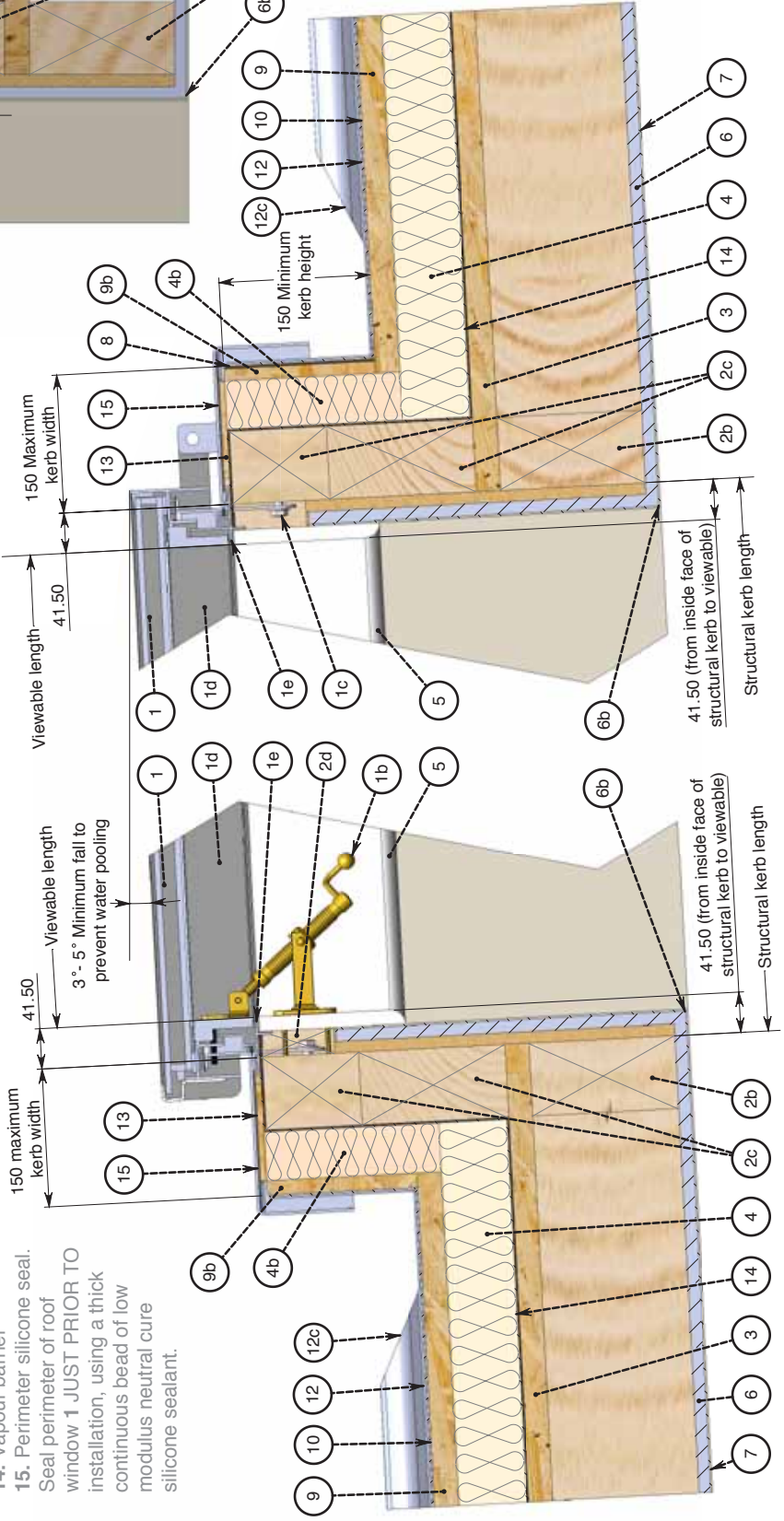
Key:

1. The Plateau Rooflight, with Manual Opening Option **1b** fixed to structural kerb **2c** using coach bolts fixed through fixing lugs **1c** around the perimeter of the roof window.
2. Structural rafter support at jamb and structural trimmer support at head and cill **2b**. Structural kerb upstand **2c** to be a minimum of 150mm high. Ironmongery supportive packer **2d** at the cill, fitted around the fixing lugs.
3. WBP Plywood roof deck.
4. Insulation fitted above structural supports and around the perimeter of the kerb upstand **4b**.
5. Timber reveal to align with the roof window linings **1d** to provide 'frameless' internal appearance. If the roof window linings are not already factory painted, **1d** MUST BE PAINTED with a timber finishing paint once the roof window is installed to ensure longevity of this component.
6. Plasterboard lining with plasterboard stop **6b** to protect the corner. Plasterboard fitted behind the thermoliner of the roof window **1e**.
7. Plaster skim.
8. Angled packer to deflect water around the head of the kerb upstand and prevent water pooling.
9. Structural boards installed above insulation and around the perimeter of the kerb upstand **9b**.
10. Underlay.
11. Softwood roofing battens.
12. Lead sheet roofing. Rolls **12b** to run with the angle of Roof pitch, and splay **12c** at least 150mm from the kerb upstand to allow water to flow freely around the perimeter and prevent water pooling. Run the main sheet up the kerb upstand.
13. WBP plywood packers.
14. Vapour barrier
15. Perimeter silicone seal.

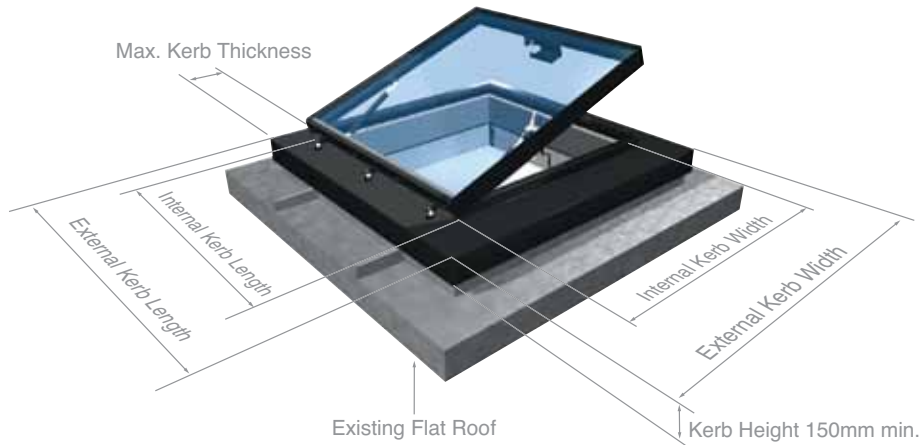
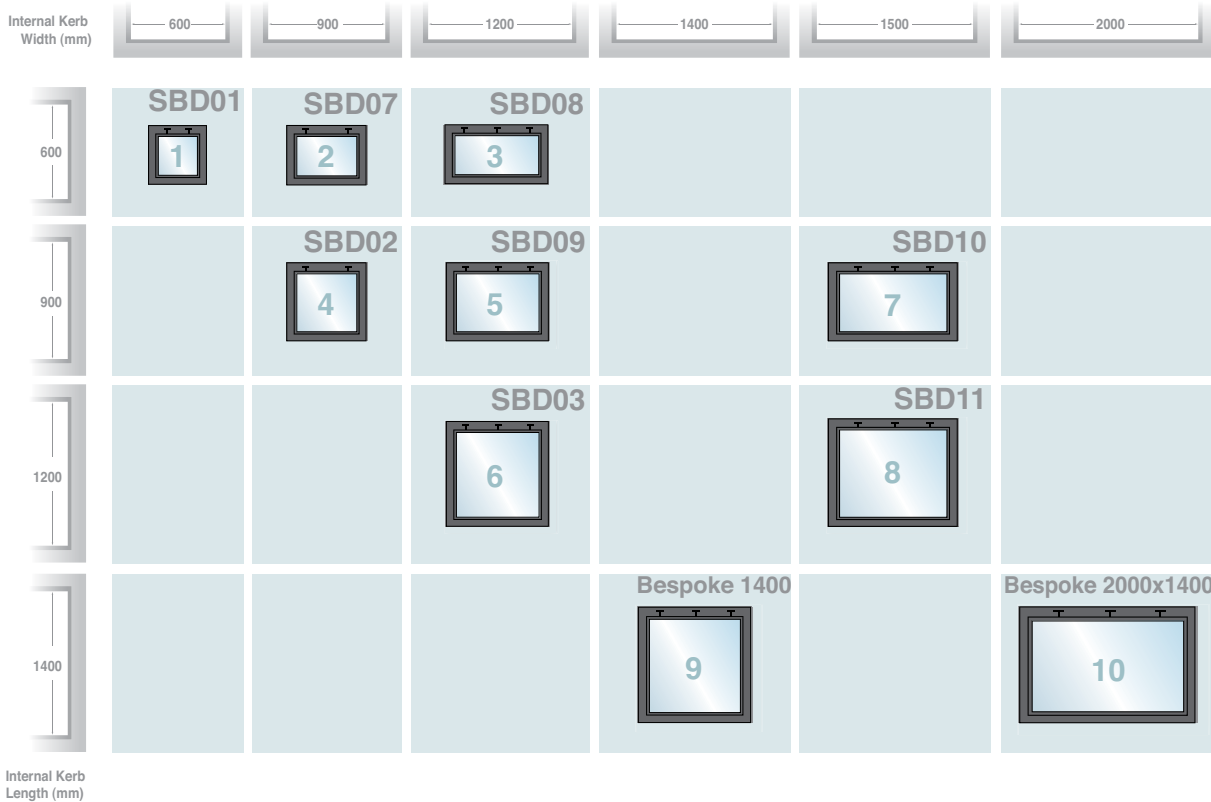
Seal perimeter of roof window **1** JUST PRIOR TO installation, using a thick continuous bead of low modulus neutral cure silicone sealant.



**Please Note:**  
 These sectional details are provided as an installation suggestion. Due to the differing nature of installations we strongly advise you to consult 'Rolled Lead Sheet - The Complete Manual' published by The Lead Sheet Association ([www.leadsheet.co.uk](http://www.leadsheet.co.uk)) and your roof window installer to verify fitness for purpose. This drawing does not constitute a structural proposal. Sufficiency of structural supports to be checked by roof window purchaser's structural consultant.

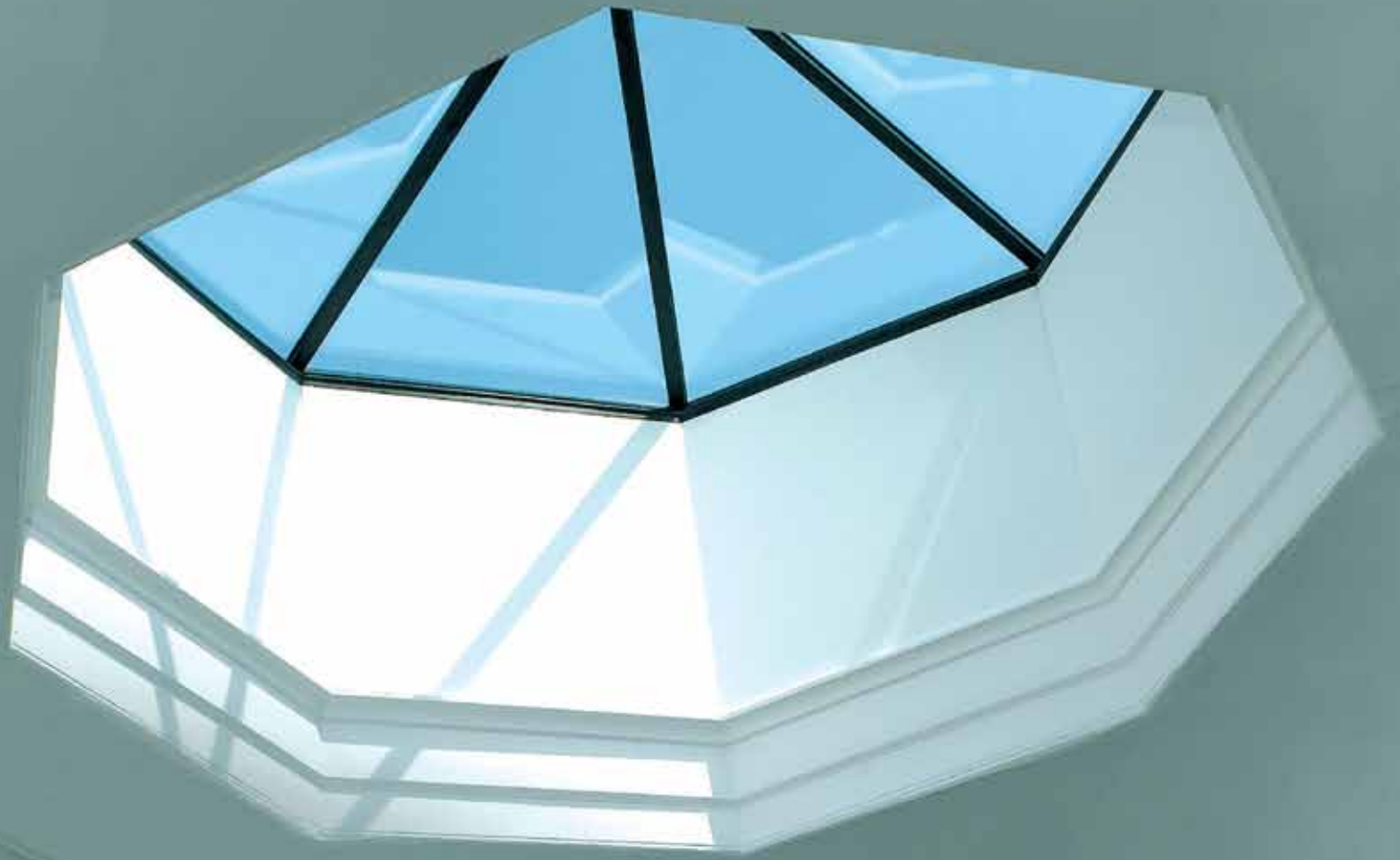


# The Added Security Rooflight Sizes



## Glass Options

	Code	Size (w x l)	P6B	P7B	P8B
1	SBD01	600x600mm	£1001	£1030	£1060
2	SBD07	900x600mm	£1173	£1215	£1256
3	SBD08	1200x600mm	£1466	£1520	£1575
4	SBD02	900x900mm	£1666	£1727	£1789
5	SBD09	1200x900mm	£1900	£1981	£2061
6	SBD03	1200x1200mm	£2409	£2514	£2621
7	SBD10	1500x900mm	POA	POA	POA
8	SBD11	1500x1200mm	POA	POA	POA
9	Bespoke 1400	1400x1400mm	POA	POA	POA
10	Bespoke 2000x1400	2000x1400mm	POA	POA	POA



# the Polyedge Rooflight

The Polyedge Rooflight, Buckinghamshire. For more information visit:  
[www.therooflightcompany.co.uk/case-studies](http://www.therooflightcompany.co.uk/case-studies)

# The Polyedge Rooflight

A rooflight suitable for horizontal installation.

The Polyedge Rooflight is typically specified in classic and historic buildings but its sleek, steel lines are equally suited to modern architecture. The Hexagonal and Octagonal Polyedge Rooflights have been used to great effect on the case studies below. They benefit from the technical specification featured on page 6.



Ventilation is easily achieved by means of an electric actuator.

## Stowe House, Buckinghamshire, Purcell Miller Tritton

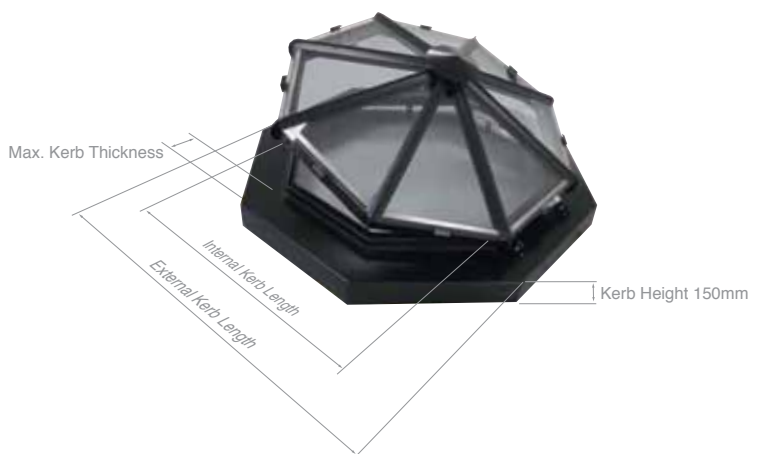
The Rooflight Company provided twelve rooflights including this Octagon Rooflight for the extensive renovation of Stowe House in Buckinghamshire. This 18th Century building, home to a boarding school, is widely recognised as one of a hundred endangered sites of significance worldwide.

Owing to its unique nature, and because Stowe House is currently listed on their buildings at risk register, English Heritage worked in close consultation on the project.

## the Polyedge Rooflight

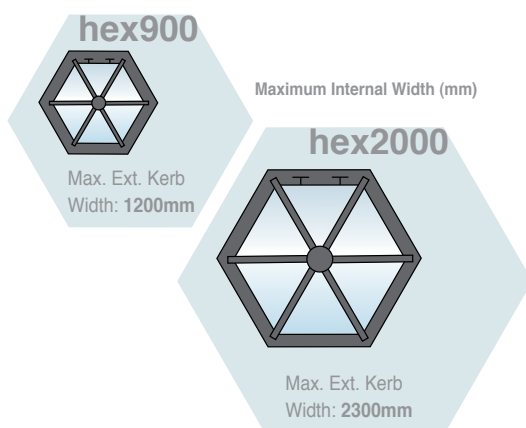
Model	Max.Kerb Thickness (mm)	Internal Kerb Width (mm)	Max.Ext.Kerb Width (mm)	Glazing Pitch (degrees)
hex900 (min)	150	900	1200	20 degrees
hex2000 (max)	150	2000	2300	20 degrees
oct900 (min)	150	900	1200	20 degrees
oct2000 (max)	150	2000	2300	20 degrees

Note: The above dimensions are examples of models which can be achieved. Please contact Specials Dept on 01993 833143, 833117, 833136.



## Hexagonal

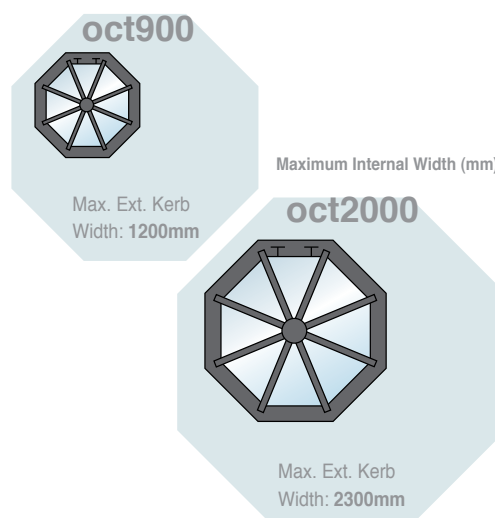
Minimum Internal Width (mm)



The above dimensions are examples of models which can be achieved.

## Octagonal

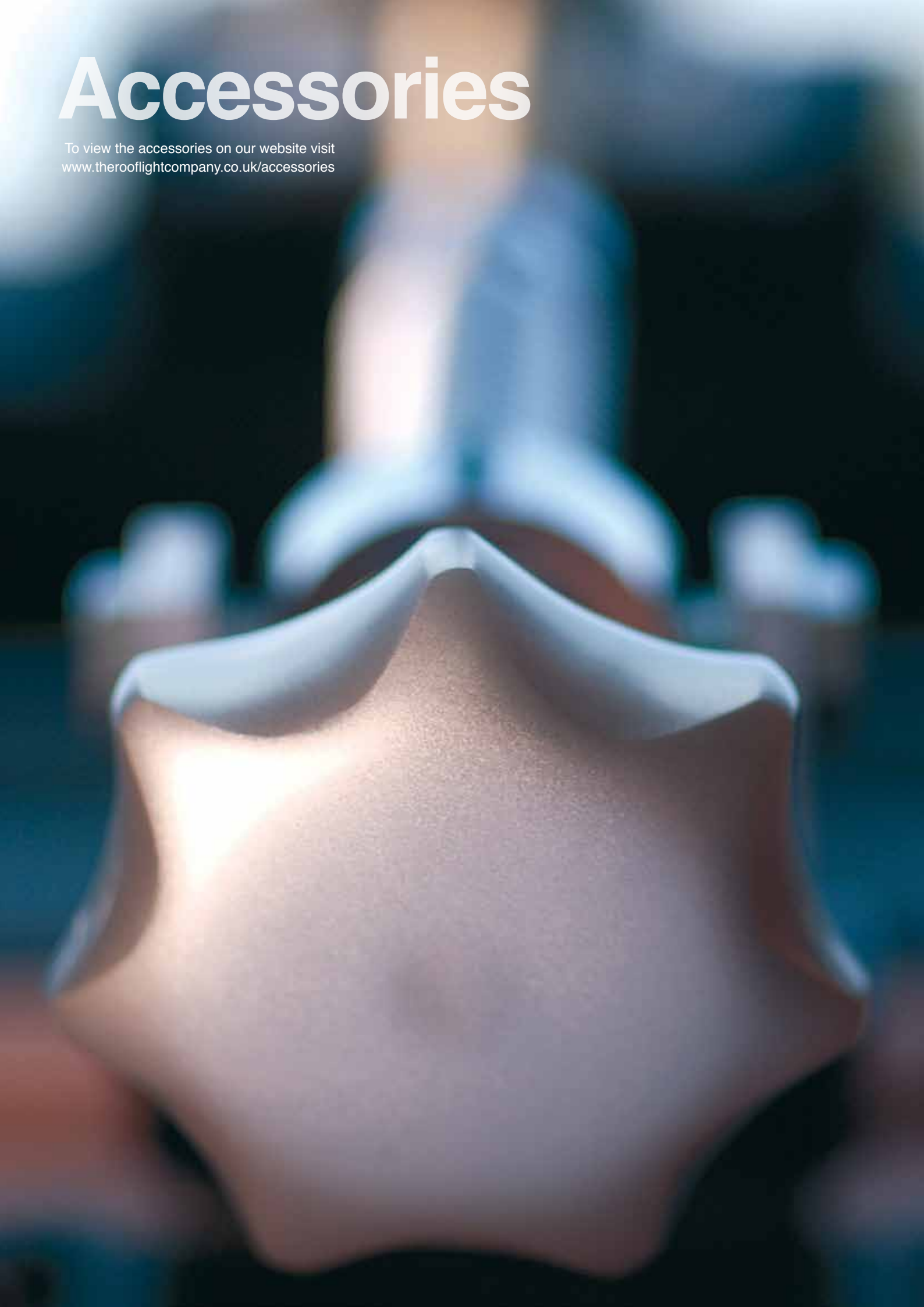
Minimum Internal Width (mm)



\*Note: A 10° - 45° glazing pitch can be specified  
Please contact our Bespoke Department on 01993 833143 / 833117 for information on prices for this product.

# Accessories

To view the accessories on our website visit  
[www.therooflightcompany.co.uk/accessories](http://www.therooflightcompany.co.uk/accessories)



# Ironmongery



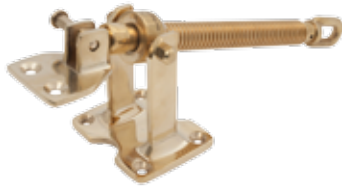
Option C Chrome pole winder with option F pole.



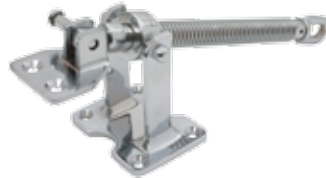
Option W Anodised hand winder.

## Pole winders for rooflights out of reach

Option K:  
Brass telescopic  
pole winder 150mm



Option D:  
Brass telescopic  
pole winder 300mm



Option L:  
Chrome plated telescopic  
pole winder 150mm



Option C:  
Chrome plated telescopic  
pole winder 300mm



Option M:  
Anodised aluminium  
pole winder 300mm



Option T:  
Anodised aluminium  
pole winder 500mm

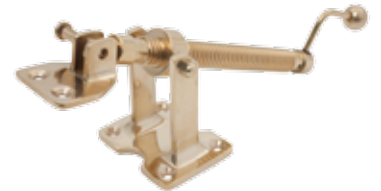


Option P:  
Cord operated gear 300mm



## Hand winders for rooflights within reach

Option A:  
Brass telescopic  
hand winder 150mm



Option E:  
Brass telescopic  
hand winder 300mm



Option J:  
Chrome plated telescopic  
hand winder 150mm



Option B:  
Chrome plated telescopic  
hand winder 300mm



Option W:  
Anodised aluminium  
wheel on chrome plated  
hand winder 150mm



Option Y:  
Black wheel on brass  
hand winder 150mm



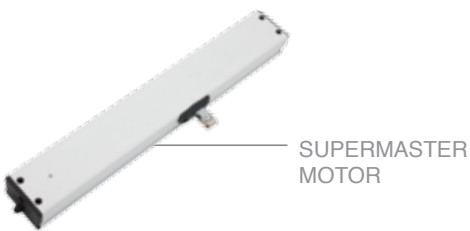
*Note: Option U and S from previous brochures are no longer available.*

# Motors

## Electric chain actuators



Option MAC MOTOR :  
230v, 24v 150mm only



Option SUPERMASTER MOTOR:  
230v, 24v 420 - 600mm

The selection of actuator depends on the rooflight size and application. Please discuss your specific requirements with Customer Service. Rain, Temperature and Smoke sensors are available on request. Please discuss your specific requirements with Customer Service.

An on/off switch is required for these products. Please ask for details

## Electric linear actuators



Option AU-Max Electric linear actuator  
230v 300mm & 500mm

## Electric rack actuators

Option Rack Electric linear actuator 230v,  
24v 180-750mm

Option Double Rack\* Electric linear  
actuator 230v, 24v  
180mm

Option Dual Rack\*  
Electric linear actuator  
230v, 24v 180mm

\* Please note a coupling  
rod is required to operate  
these motors



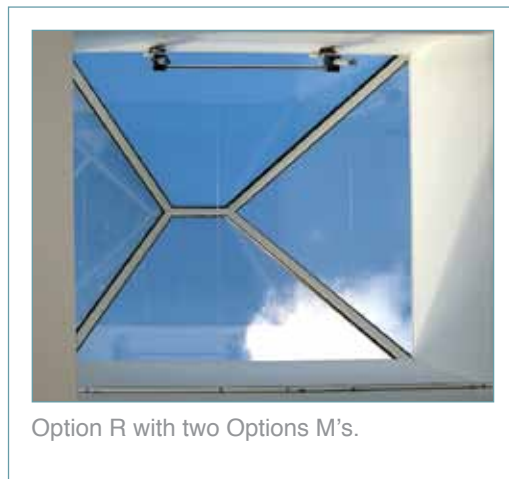
## Poles - required to operate pole winders

Option F:  
Aluminium 1.0m length

Option G:  
Aluminium 1.5m length

Option H:  
Aluminium 2.0m length

Option I:  
Aluminium 1.75-3.0m  
telescopic





# Motor Suitability

## The Lantern Rooflight

Model	MAC 230v/24v 150mm only	Supermaster 230v/24v 420/600mm	Dual Rack 230v/24v 180mm	Double Rack 230v/24v 180mm
LT01	•	•		
LT02		•		
LT03		•		
LT04			•	
LT05				•
LT06				•



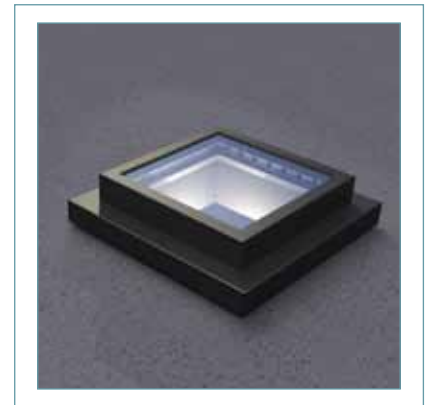
## The Pyramid Rooflight

Model	KA34-350 24v 350mm	MAX 230v 300mm	Supermaster 230v/24v 420/600mm	Rack 230v/24v 180mm	Double Rack 230v/24v 180mm
PY01		•			
PY02			•		
PY03				•	
PY04					•



## The Added Security Rooflight

The Added Security Rooflight	KA 34 -350 24v 350mm	MAX 230v 300mm	Rack 230v / 24v 180mm	
PL01	See KA Specific Chart Below.		•	
PL02			•	
PL03				•
PY08			•	
PL09			•	•
PL10				•
PL11				•



## The Added Security Rooflight KA Specific Options

The Added Security Rooflight	KA 34 (350mm stroke 300N) (24V)	KA 54 (350mm stroke 500N) (24V)	KA 34-K (350mm stroke 300N) (230V)	KA 54-K (350mm stroke 500N) (230V)
PL01	•			
PL02	•		•	
PL03		•		•
PY08	•		•	
PL09	•		•	
PL10		•		•
PL11		•		•

# The Rooflight Company's Project Portfolio

Our rooflights help architects create beautifully designed naturally lit environments. With nine aesthetically-pleasing rooflight ranges for both pitched and flat roof applications and an unrivalled bespoke design service, we are able to offer a solution to meet your requirements.



The Public, West Bromwich. Will Alsop Architects specified Bespoke Triangular Rooflights.



The Roundhouse, Derby. Maber Architects specified Bespoke Rooflight, Type A-Linked.



Week Farm, Devon. The Nicholas Dean Practice Specified a large Bespoke Conservation Rooflight®.



Castle Drogo, Devon. The Harrison Sutton Partnership specified a series of 900mm x 900mm Rooflights.



York Way, London. McDonnell Associates specified a Bespoke Plateau measuring 600mm x 1800mm.



Yang Sing Hotel, Manchester. Roberta Fulford specified a series of Bespoke Conservation Rooflights® and Studio Rooflights.

Our ranges cover both traditional and contemporary styles and suit all building types, from residential to commercial to public. This portfolio demonstrates just a few case studies worked on to date. For more information visit [www.therooflightcompany.co.uk/case-studies](http://www.therooflightcompany.co.uk/case-studies).



Broadclyst School, Devon. NPS South West specified **neo™** Rooflights.



East Meon, Hampshire. The Artists Studio specified this large Bespoke Rooflight.



Residence, Kent. The client specified a series of **neo™** Rooflights.



Somerset House, London. TGB Consult specified forty Bespoke Conservation Rooflights®.



Clay Field, Suffolk. Riches Hawley Mikhail Architects specified these Bespoke **neo™** Steel Rooflights for this RIBA award-winning housing scheme.



Residence, Calne, Wiltshire. Watson, Bertram & Fell Architects specified this Bespoke 1.25m x 1.25m Lantern.

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[www.therooflightcompany.co.uk](http://www.therooflightcompany.co.uk)

#### Disclaimer

Images used in this Rooflight brochure are used for illustrative purposes only. All prices are correct at time of going to press. Due to occasional changes in product specification and material prices always check with the Rooflight Company Customer Services Department on 01993 833108 or online at [www.therooflightcompany.co.uk](http://www.therooflightcompany.co.uk) for current prices prior to placing your order.



No. KM 92754  
The Rooflight Company  
Shipton-under-Wychwood  
BS EN 12792-2:2002  
BS EN 12793-2:2002  
Insulating Glass Units



Designed and assembled in the UK.



the  
Rooflight  
Company  
*The Professionals' Choice*