

# Installation Guide | the Conservation Rooflight Egress & Access

> a roof window range suitable for pitched roofs between 17.5° and 65°

> details for use with flashing kit

January 2014



**the Rooflight Company**  
*The Professionals' Choice*

# SECTION 1 - How to use this manual

> Welcome

> General

## WELCOME

Thank you for choosing the Conservation Rooflight Egress & Access. We are sure that the Conservation Rooflight Egress & Access will provide a high-quality finishing touch to your project. This guide is intended to assist building contractors and homeowners in receiving, handling and installing the Conservation Rooflight Egress & Access. Please take the time to read and carefully follow these instructions. Before you start your installation, please refer to the '**IMPORTANT INFORMATION**' section at the back of this installation guide.

## GENERAL

**Please note: the minimum roof angle at which the Conservation Rooflight Egress & Access can be installed is 17.5 degrees.**

**Please note: the maximum roof angle at which the Conservation Rooflight Egress & Access can be installed is 65 degrees.**

**Please note: the following installation details pertain to COLD ROOF construction and CLAY tile type installed 'on the rafters', with use of the flashing kit. Some installation details may vary depending on the roof construction and tile type being used. Always view this manual in conjunction with the cross sectional installation details relevant to your project. See Section 8 (Pages 25&26) 'Suggested installation details' towards the back of this manual.**

In order to install the Conservation Rooflight Egress & Access you will need to know:

1. The Conservation Rooflight Egress & Access model to be installed.
2. The type of roof construction to be used, e.g. warm roof or cold roof.
3. The type of roof tile to be used, e.g. clay tiles, slate, interlocking tile, pantile, zinc or lead sheet, etc.
4. Whether you wish to install 'on the rafter' or 'between the rafter'

TEXT- Highlighted in **BOLD** indicates a point of special importance.



### PPE NOTE

The images in this manual are intended to aid installation and where required the installer must use suitable PPE (which may not be shown) and abide by the applicable Health & Safety requirements. It is assumed that suitable method statements and risk assessments will be undertaken prior to installation.



### NOTE: PRESSURISED GAS SPRINGS

Please be aware that the Conservation Rooflight Egress & Access utilises gas struts to aid opening the roof window. If the connection at the cill is disengaged then the casement may gradually start to open.

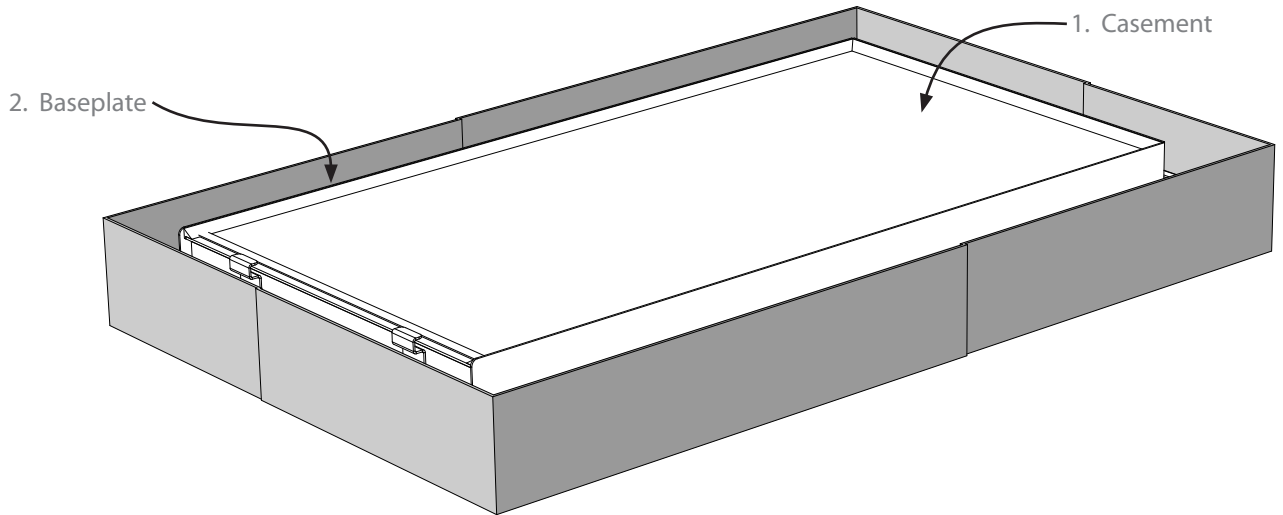
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# SECTION 2 - Before you get started

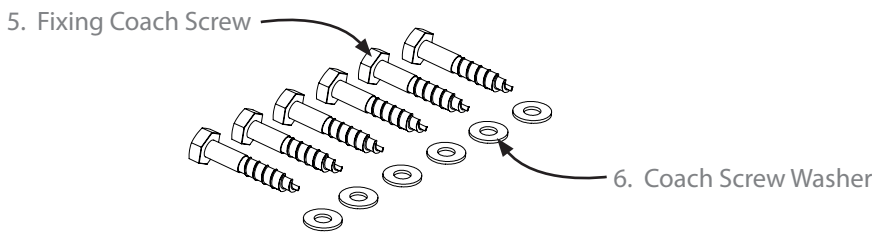
> Contents of the box

## CONTENTS OF THE BOX

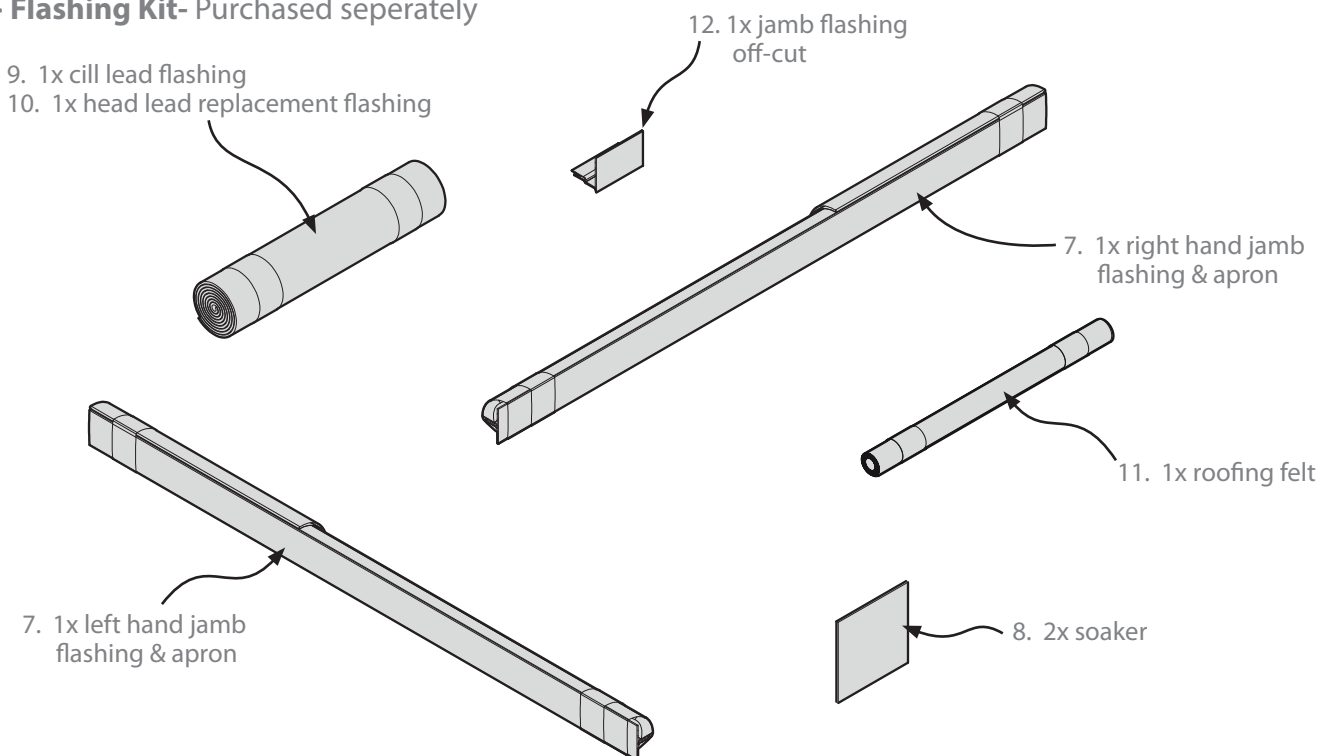
### > The Conservation Rooflight Egress & Access



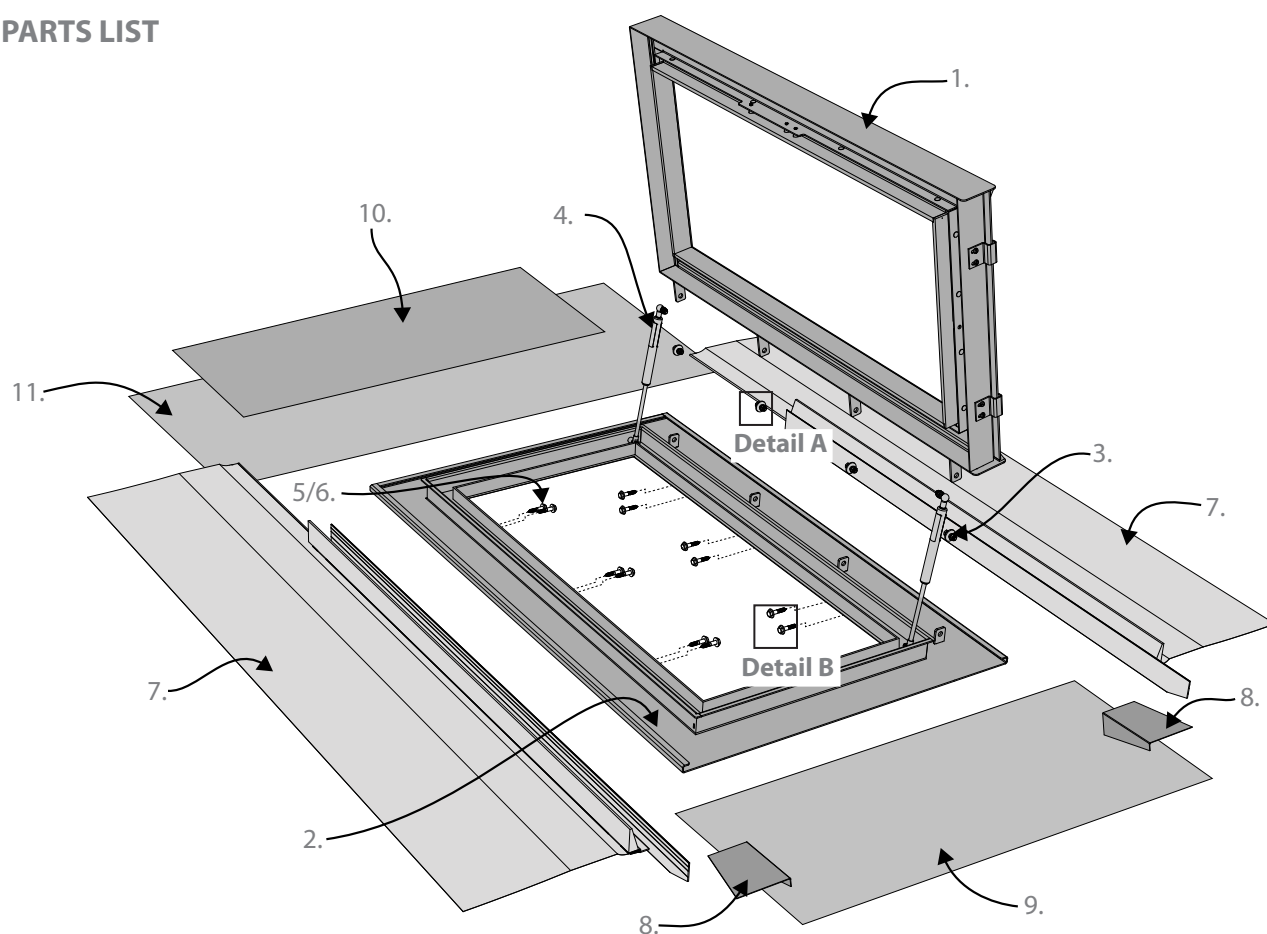
### > Fixing pack



### > Flashing Kit- Purchased seperately

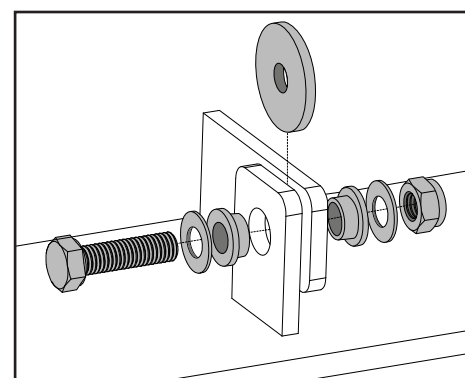


## PARTS LIST

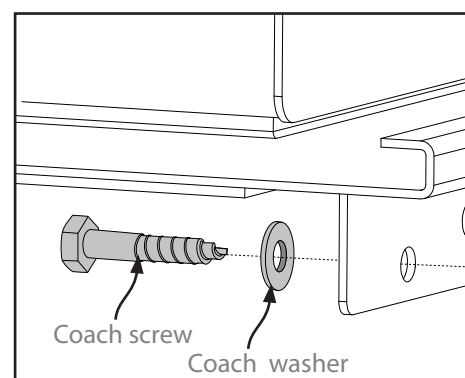


**NOTE: THE ROOFLIGHT CAN BE HINGED ON THE LEFT OR THE RIGHT, WITH OR WITHOUT A GLAZING BAR.**

Part Number	Description	Quantity
1	Casement .....	1
2	Baseplate .....	1
3	Hinge & fixings.....	Various
4	Gas spring .....	2
5	Fixing coach screw .....	Various
6	Coach screw washer .....	Various
7	Jamb flashing .....	2
	& Jamb flashing apron .....	2
8	Soaker .....	2
9	Cill lead flashing .....	1
10	Head lead replacement flashing ...	1
11	Roofing felt .....	1
12	Jamb flashing off-cut.....	1



Detail A



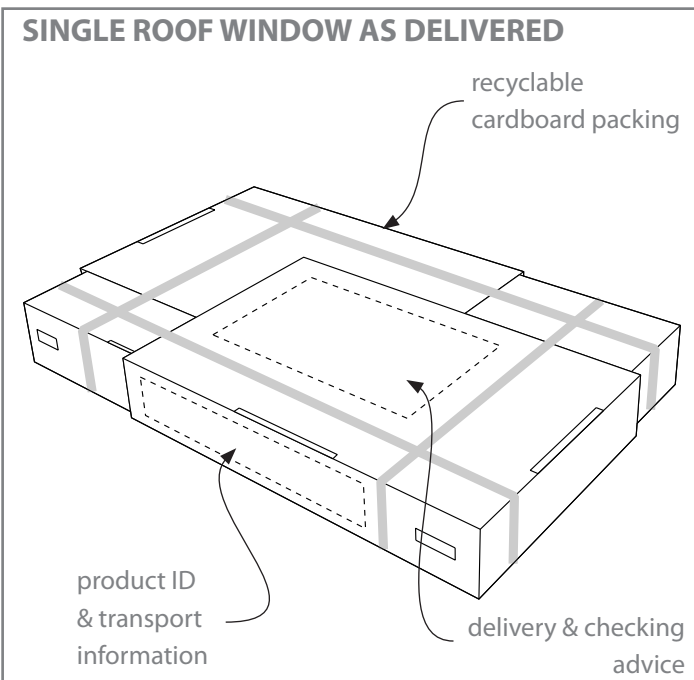
Detail B

**NOTE: Please refer to separate manuals for installation of ironmongery/motors/fixing bracket/blinds**

## SECTION 3 - Prior to installation

> Receiving the roof window

> Transport & storage



### RECEIVING THE ROOF WINDOW

We recommend that the roof window packaging is temporarily opened to allow inspection of the goods for damage. Follow the instructions on the delivery checking and advice label.

- ▶ Once the roof window has been checked, repackage it in the original packaging for safe storage until the roof window is to be installed.

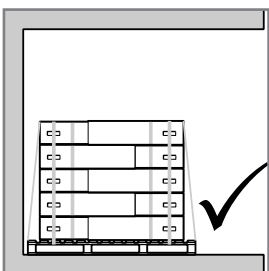
### TRANSPORT & STORAGE

- ▶ Keep the roof window in its original packaging and store off the ground in a secure covered dry place until it is required for installation.
- ▶ When transporting the roof window in its box, carry the box by lifting it from the underside rather than lifting by its strapping.

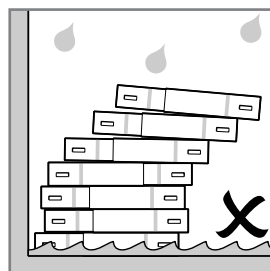


**Only carry the box if the banding is attached in its original condition. Do not carry by the box if the nylon banding has been cut or appears in any way damaged.**

- ▶ Stack multiple units carefully and only as many units high as is set out on the transport information label on the box.
- ▶ Only remove the roof window from its packaging when it is required for installation.
- ▶ Once unpacked carry the roof window by lifting it from the underside of the baseplate.
- ▶ Mark the original box with the window number/location and keep all accessories and linings in the original box until they are required. When the installation is complete and all accessories/linings are used, recycle all of the packaging materials.



store in a covered dry secure area



do not stack too high or allow to get wet

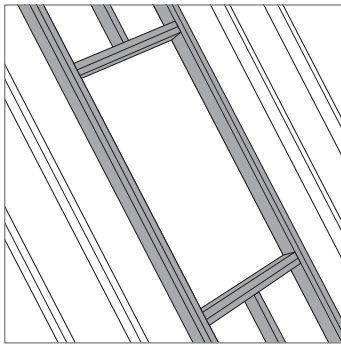
# SECTION 4- Preparing the structural opening

> Type of roof

Before you can derive the structural framing dimensions you will need to understand which of the following options apply to your project:

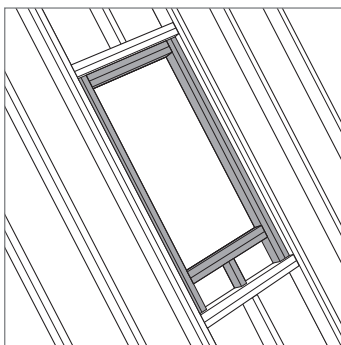
## ON THE RAFTER OR BETWEEN THE RAFTER

The type of tiles used affects how the roof window is installed. One of the following options will be used:



### On the Rafter (Standard Installation):

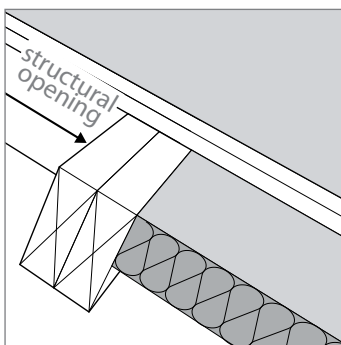
This installation (as the name suggests) installs the roof window with it sitting on top of the rafters. For the majority of profiled tiles (Clay, Pantile etc) the roof window remains flush to the top of the tiles and will not project above the finished roof line. For thinner tile types (Slate) the roof window will not be flush and will project above the finished roof line. If a flush detail is required for thin tile types then a 'between the rafter' (commonly referred to as Flush Slate) installation is required.



### Between the rafter (Flush Slate Installation):

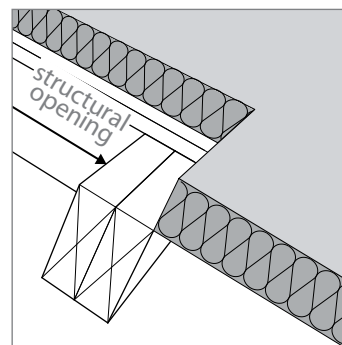
When tile types are thinner and a standard 'on the rafter' installation would result in a non-flush installation; a 'between the rafter' installation can be used. The roof window is sunk in between the rafters to a depth equal to the height that it would protrude above the finished roof line if a standard installation was used, nominally to a sunk depth of 20mm (Installers are advised to check this dimension prior to installation). Due to the roof window being sunk below the top of the rafters, the associated structural framing sizes increase. Likewise, dependent upon the pitch of the roof, the run-off required at the cill tilting fillet may vary. Nominally quoted framing sizes use the lowest installation pitch and calculate for worst case scenario.

## WARM OR COLD ROOF CONSTRUCTION TYPE



### Cold roof

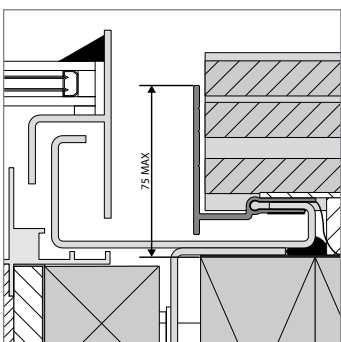
In a cold roof construction, the insulation layer is placed horizontally, directly above the ceiling of the upper story of the habitable section of the building, usually positioned between the joists in the loft space.



### Warm roof

In a warm roof construction, the insulation is positioned directly under the external waterproofing (e.g. tiles or slates), following the rafter line.

## INSTALLATION HEIGHT



The maximum height that can be used with the flashing kit is 75mm for all tile types. This is measured from the top of the soaker extrusion (part 6) to the top of the structural support (as shown). If your tiles are thicker than this then we recommend the use of lead soakers or mortar bed at the jambs.



**NOTE: The flashing kit is only suitable for 'on the rafter' installation.**

# SECTION 4- Preparing the structural opening

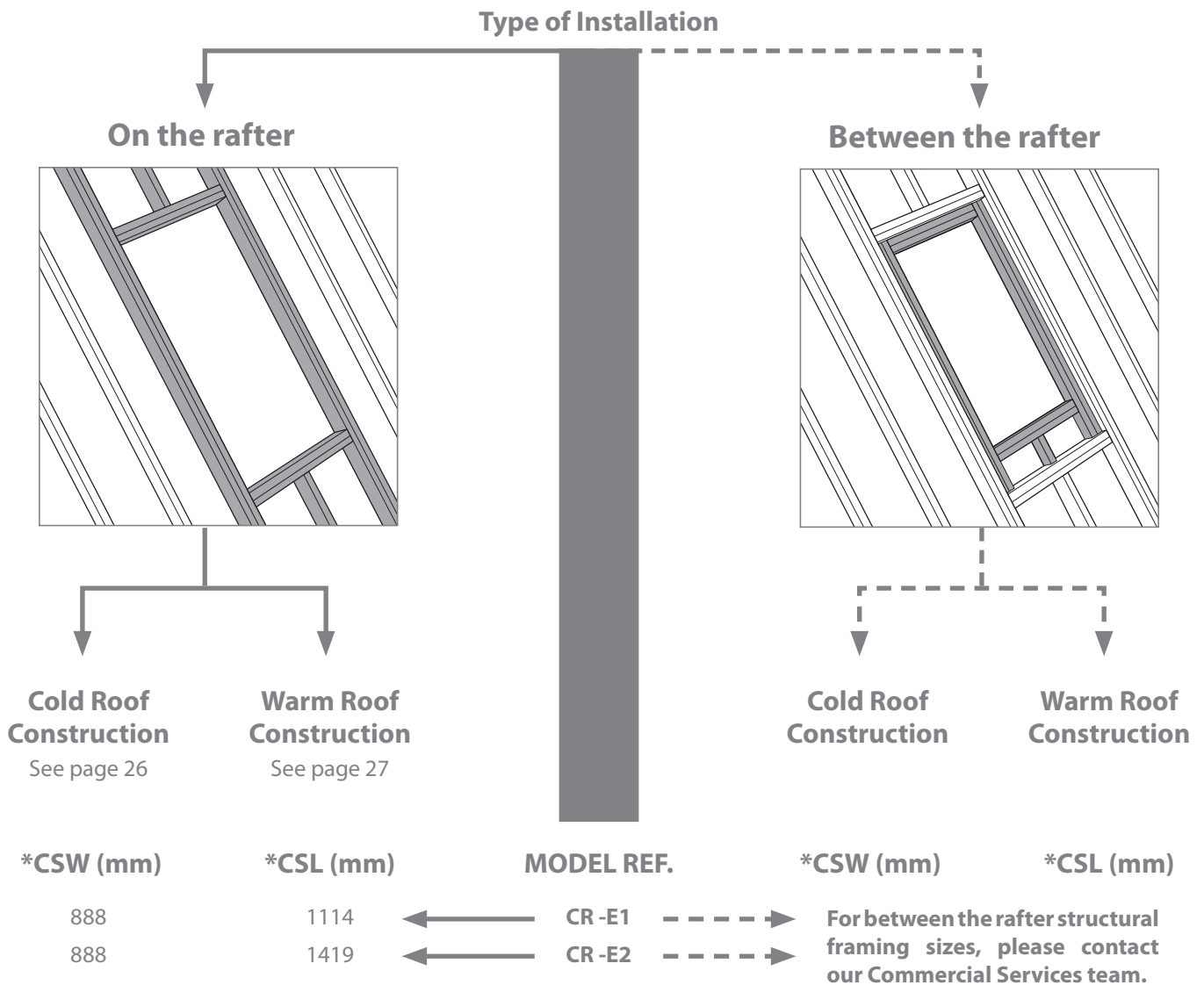
> Type of installation

## TYPE OF INSTALLATION

To derive the structural framing dimensions for the Conservation Rooflight Egress & Access. You will need to have the following information to hand:

- ▶ The Conservation Rooflight Egress & Access model reference number to be installed.
- ▶ The type of roof construction to be used e.g. cold or warm.

Follow the appropriate information pathway to derive the structural framing dimensions below.



\* CSW = Clear Structural Width, CSL = Clear Structural Length  
(for 'on the rafter' installation only)

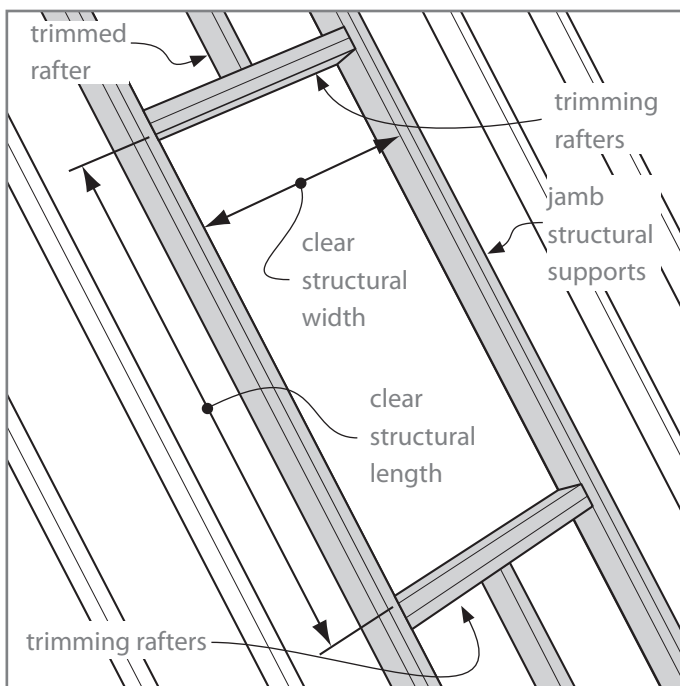
### FORMING THE STRUCTURAL OPENING

The opening is formed using additional structural members which re-route the structural loads from the roof above, around the structural opening.



**NOTE: All structural member sizing and fixings around the structural opening are to be as detailed by the project architect/structural engineer. Our drawings are indicative only.**

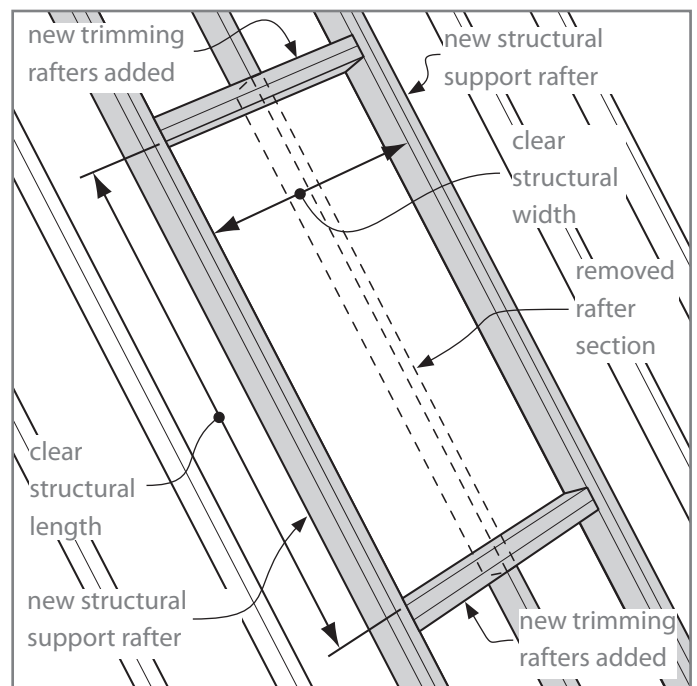
#### The Conservation Rooflight Egress & Access - in a new roof



In a new roof the structural members can be designed to reduce the necessity for cutting and trimming.

**NOTE: The rafters and trimmers are doubled up in the image**

#### The Conservation Rooflight Egress & Access - in an existing roof

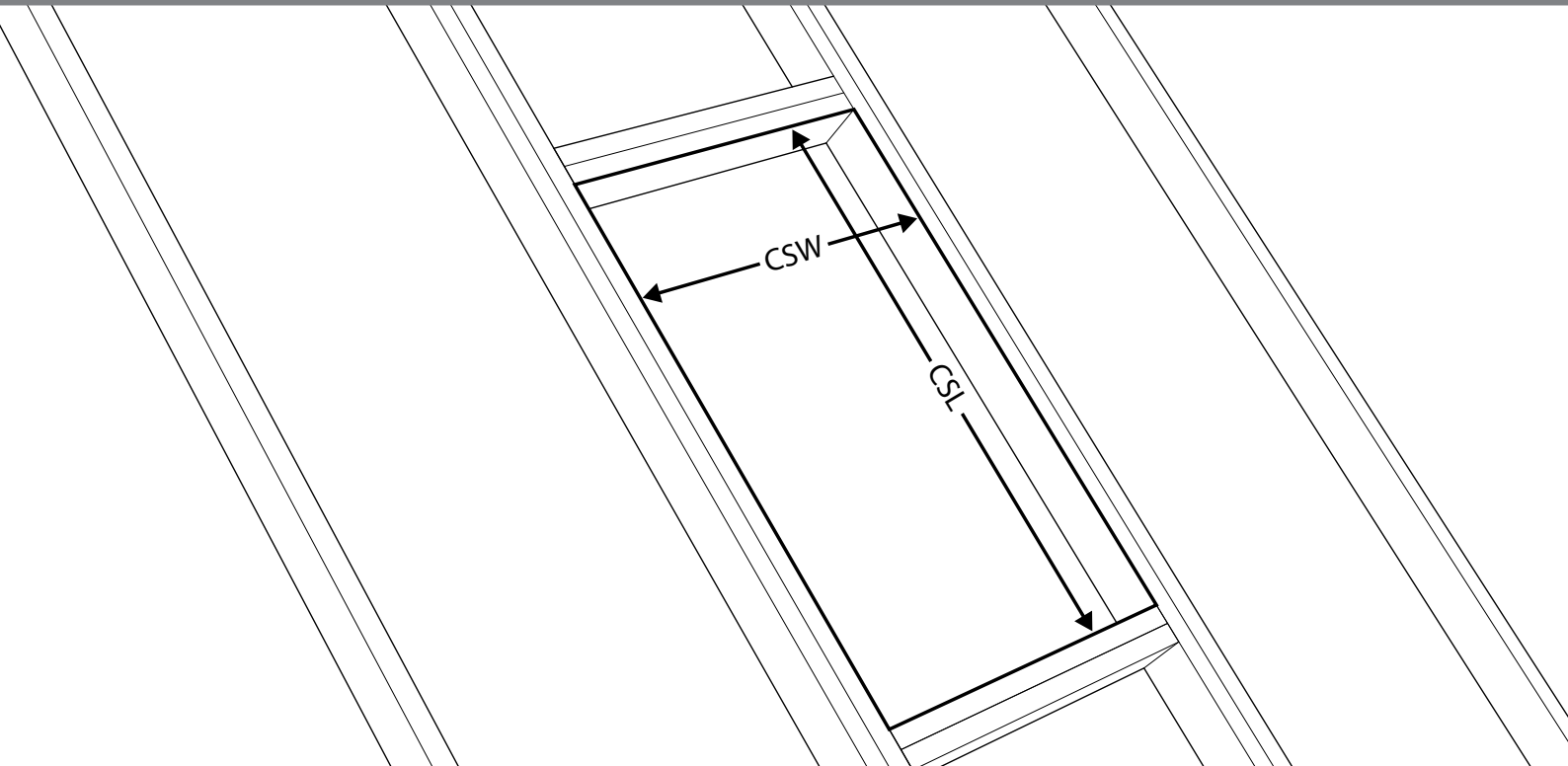


In an existing roof the structural opening may require additional structural members to be inserted and/or existing members cut and re-supported in order to facilitate installation in the location required.

**NOTE: The rafters and trimmers are doubled up in the image**

## SECTION 5 - Preparing the roof

- > Prepared opening
- > Trim & finish the roofing membrane



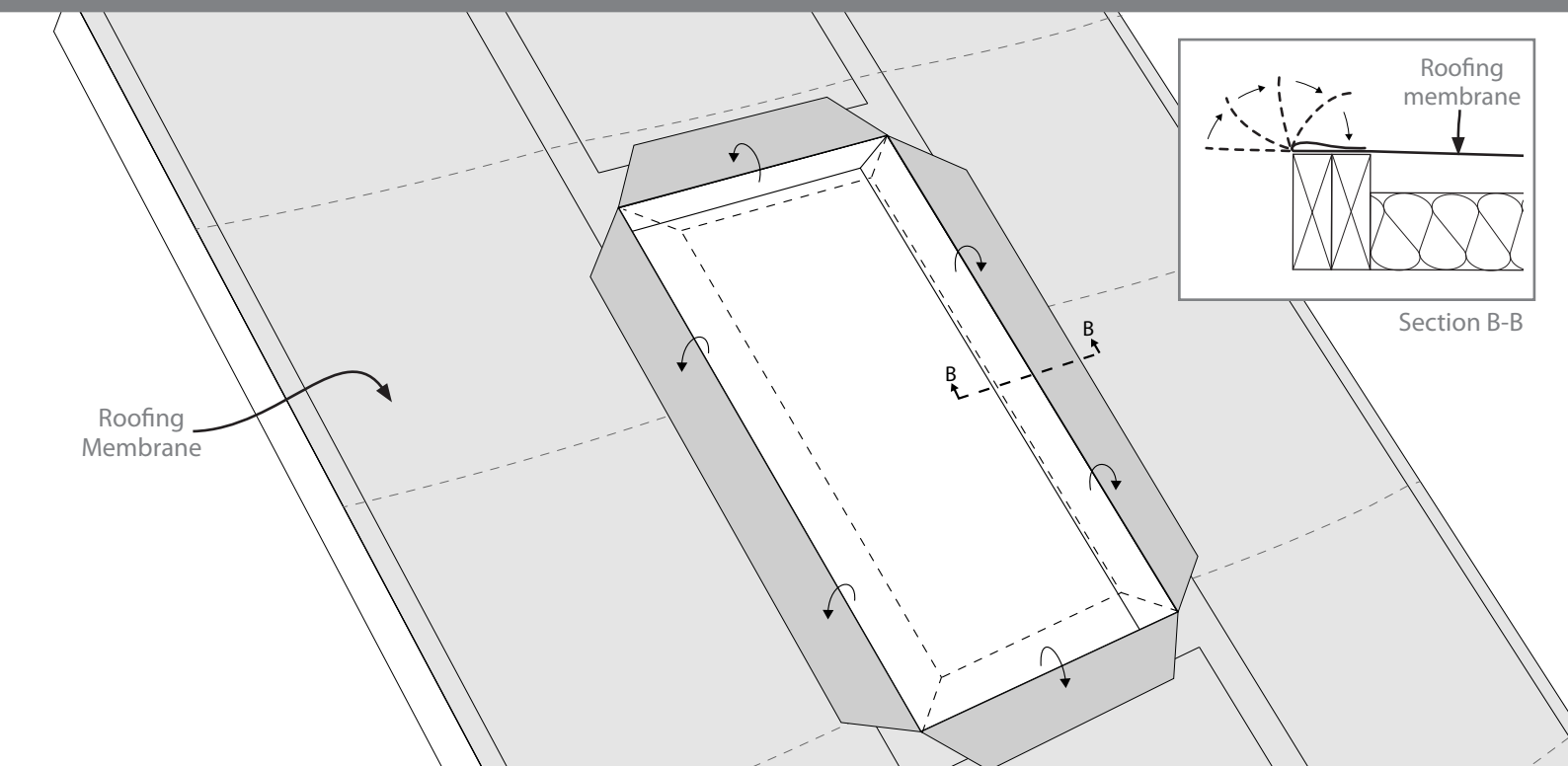
### ▲ Prepared opening

Trim the opening within the roof to the correct size required for the model of the roof window being installed. For instructions see:

- ▶ Type of Installation (Pg 8)

Fold and trim the roofing membrane around the structural opening as shown.

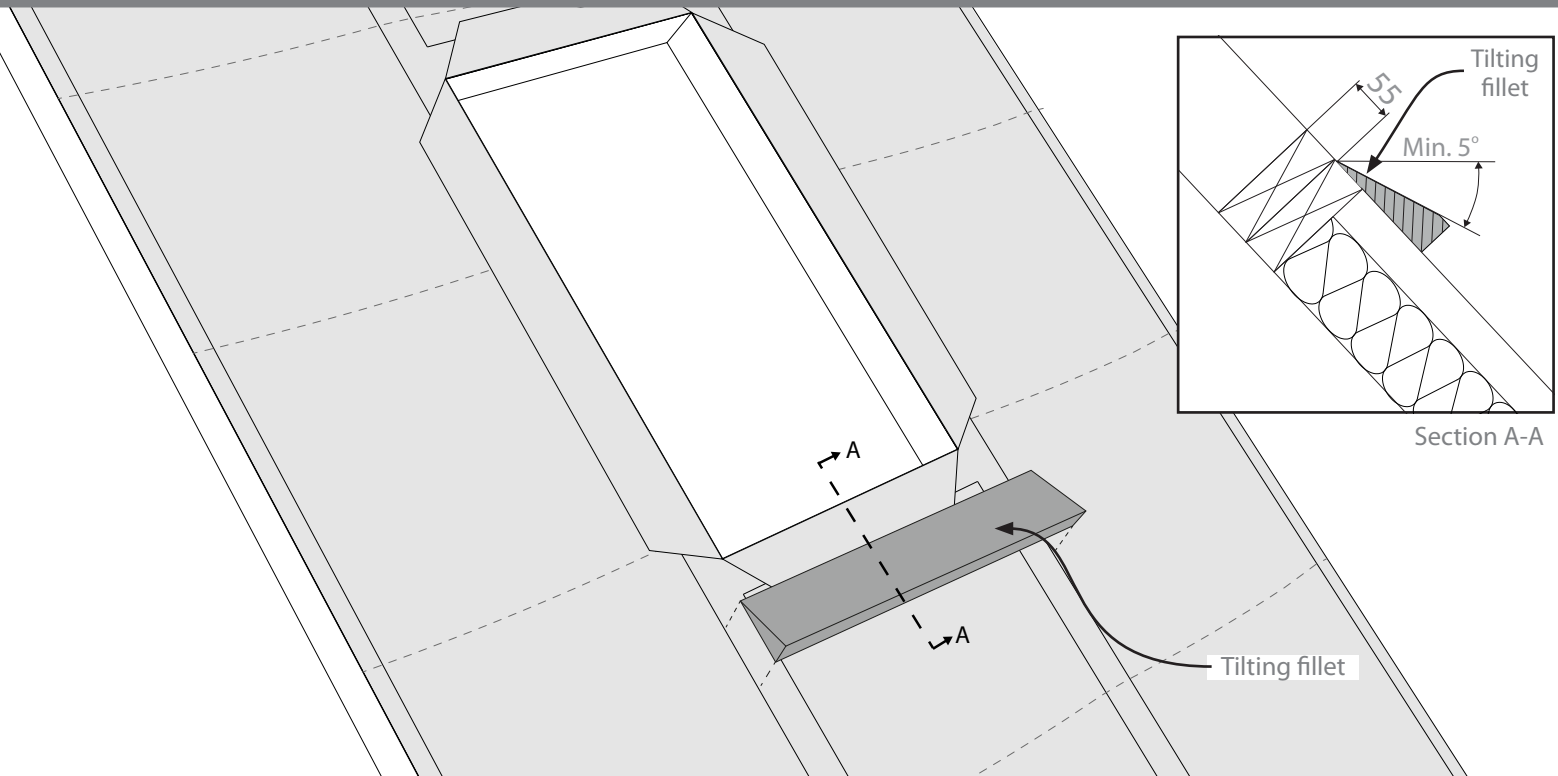
### ▼ Trim & finish the roofing membrane



## SECTION 5 - Preparing the roof

> Cill tilting fillet

> Battening up to the cill

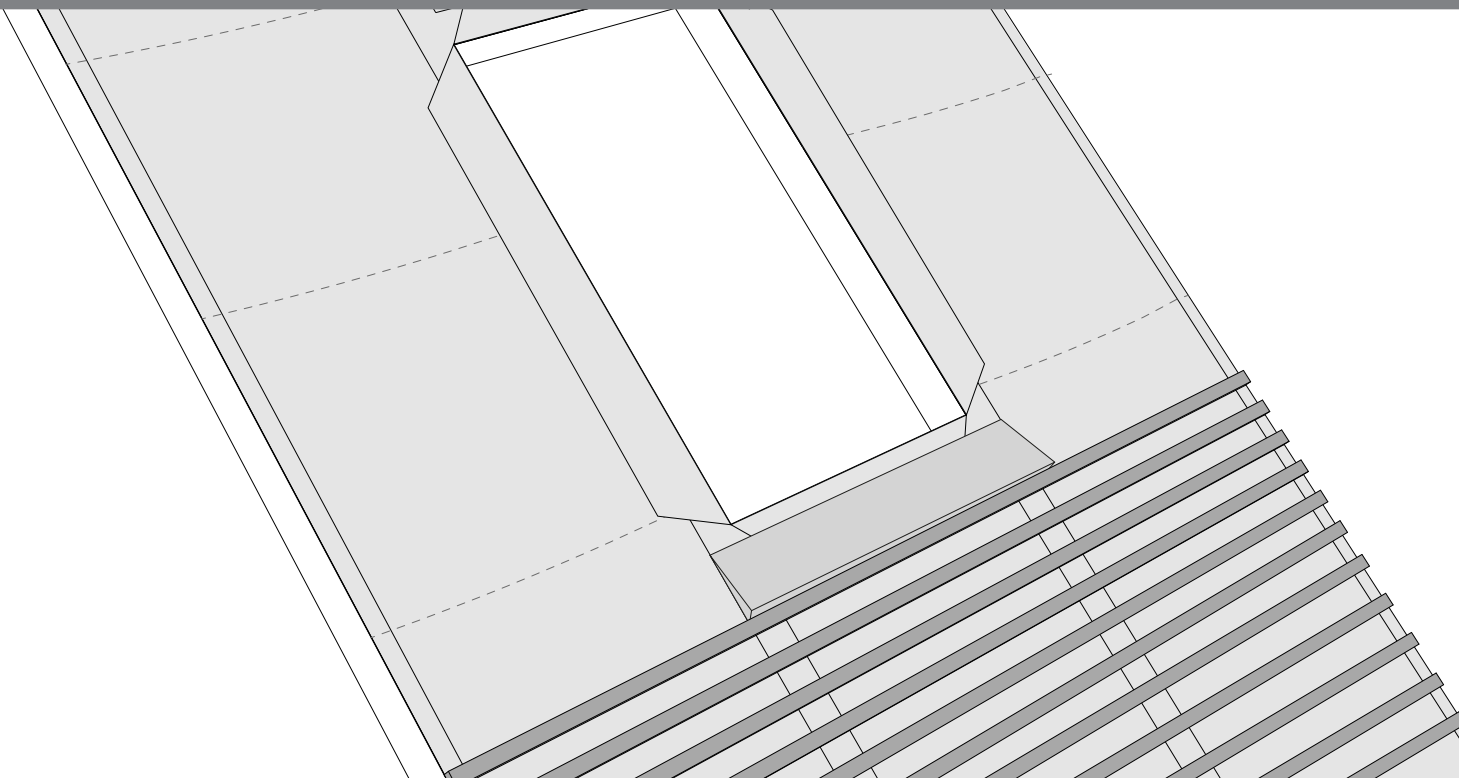


### ▲ Installing a cill tilting fillet

Install a cill tilting fillet as shown (we recommend hardwood or treated softwood). Fix the cill tilting fillet to the rafters.

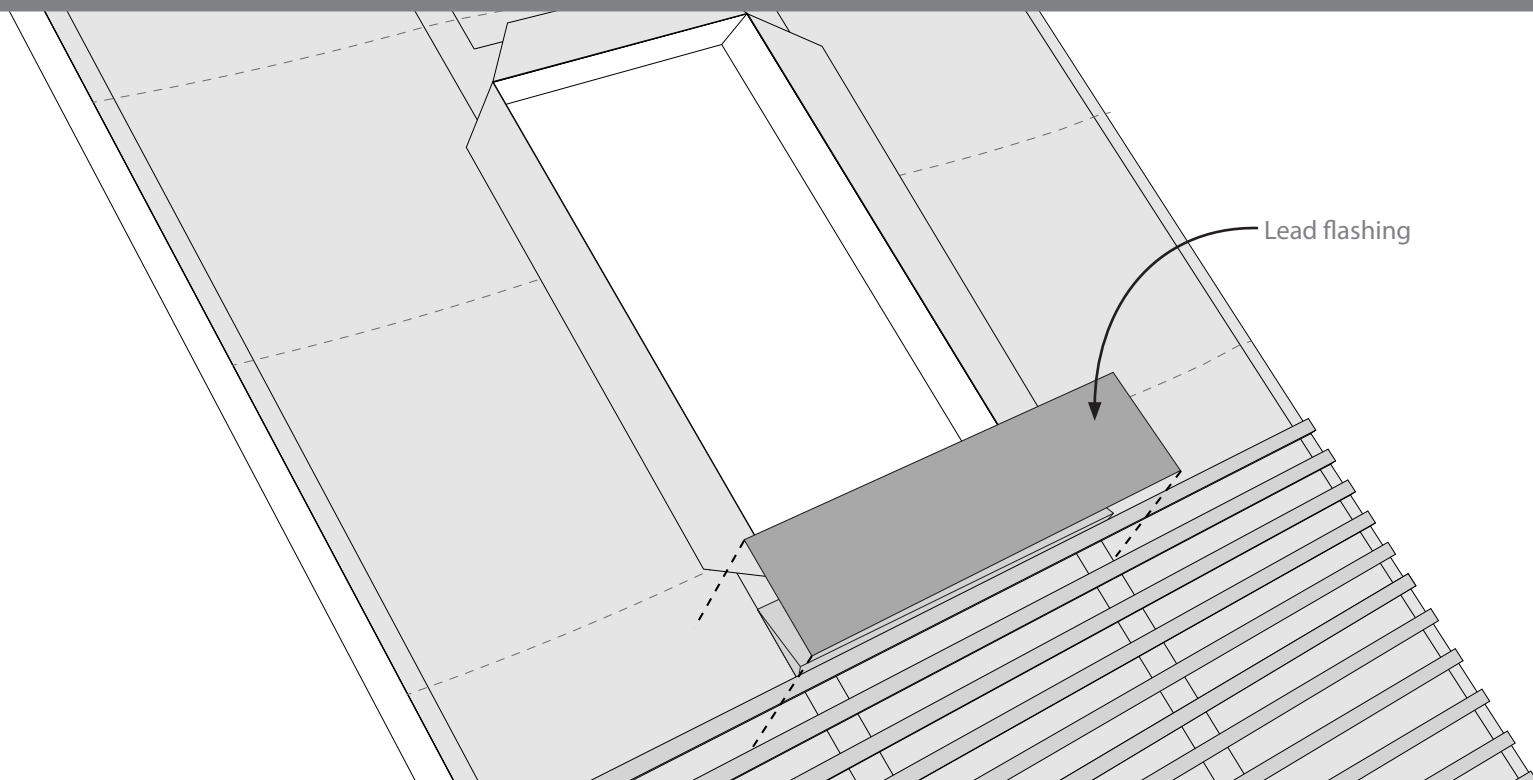
It is recommended that the roof is battened up to the cill of the opening at this stage. Batten spacing is determined by the roof covering being used. Adjust the battening and tiling to course and fit around the structural opening.

### ▼ Battening up to the cill



## SECTION 5 - Preparing the roof

- > Cill lead flashing
- > Cill silicone fillet

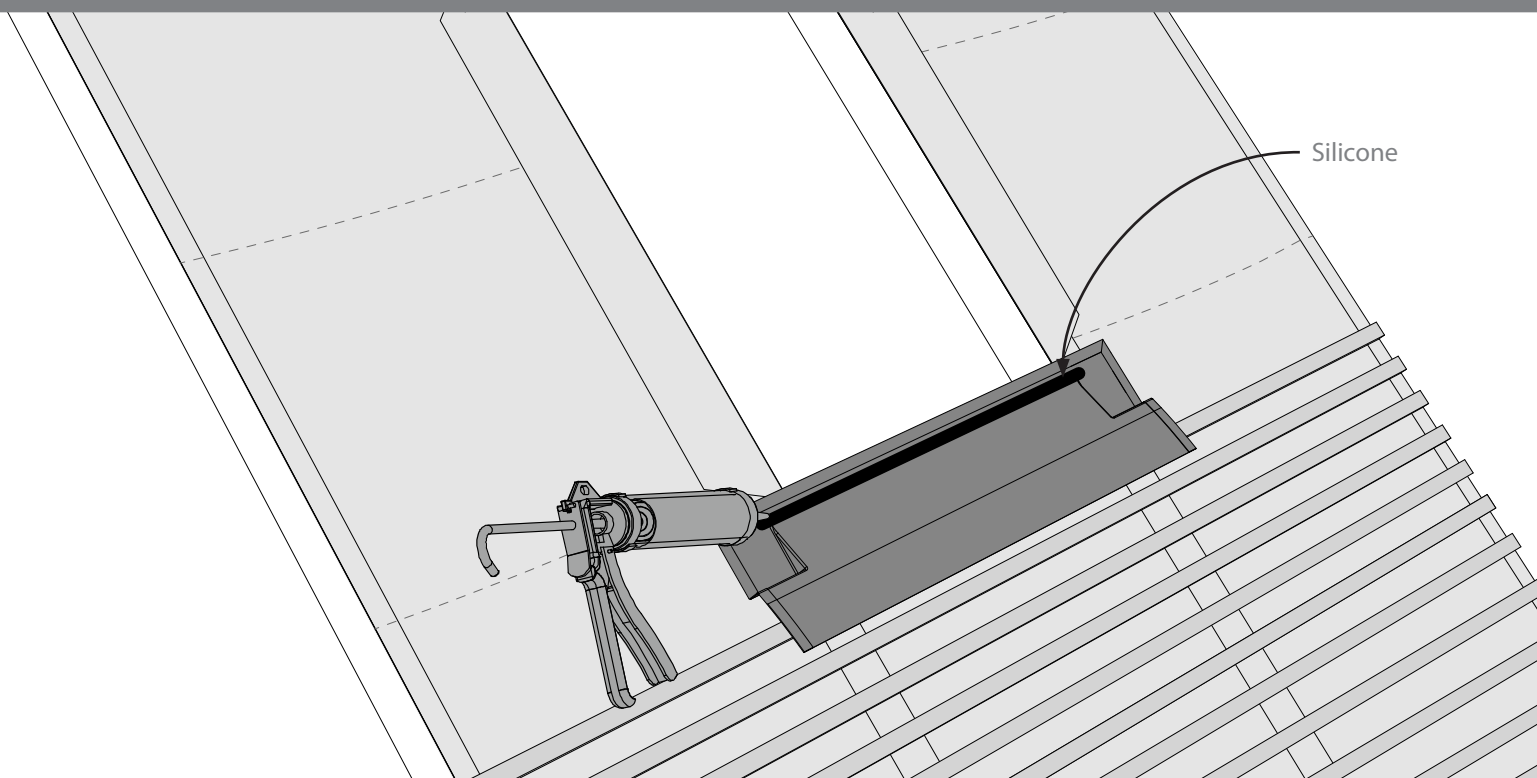


### ▲ Cill lead Flashing

Install cill lead flashing (Part 9) to the cill of the opening as shown. Side lap to be minimum 150mm. Length of flashing to be sufficient to give the tile-recommended headlap.

Lay a continuous thick bead of low modulus neutral cure silicone along the flashing for the cill of the roof window.

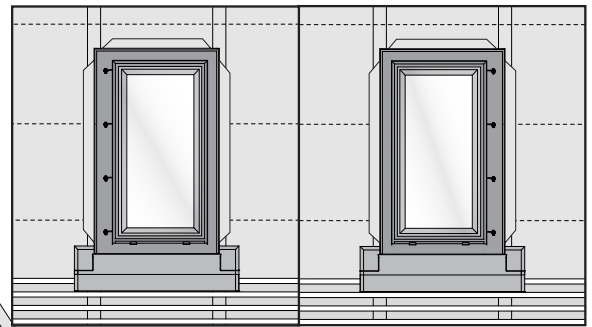
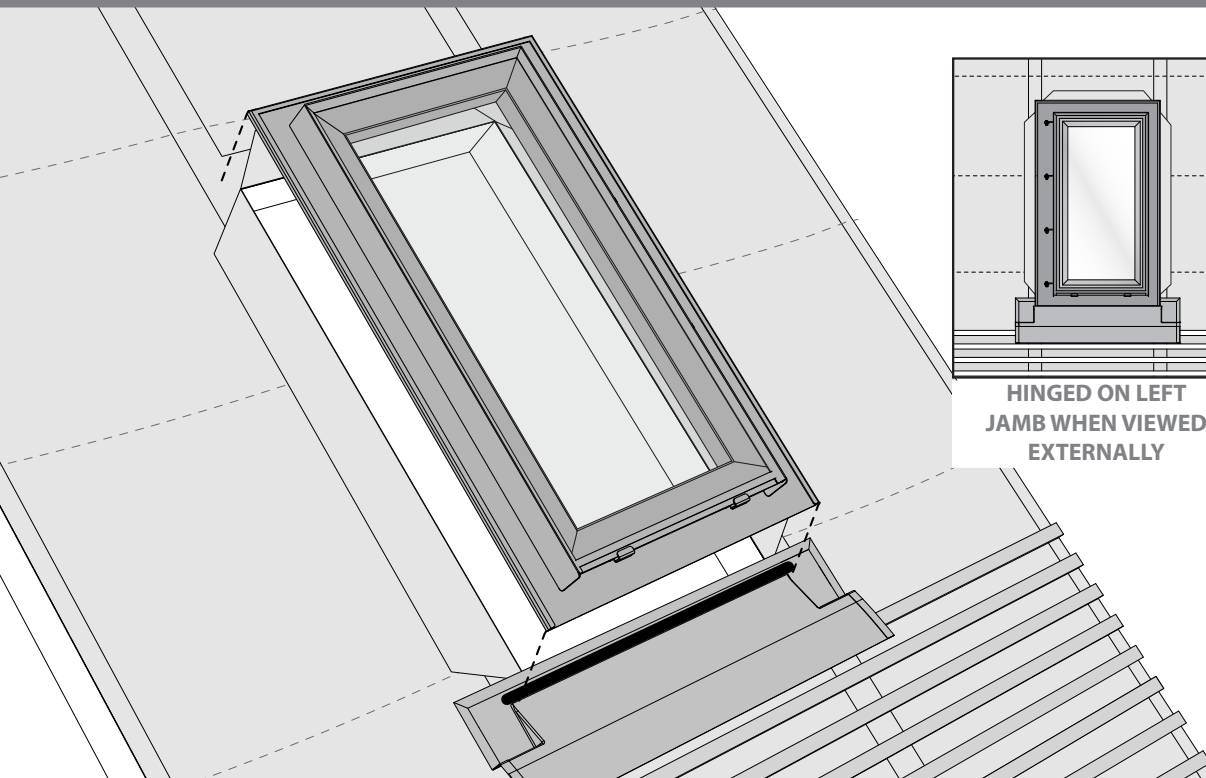
### ▼ Cill silicone fillet



## SECTION 6- Installing the roof window

> Installing the roof window

> Fix / level



HINGED ON LEFT  
JAMB WHEN VIEWED  
EXTERNALLY

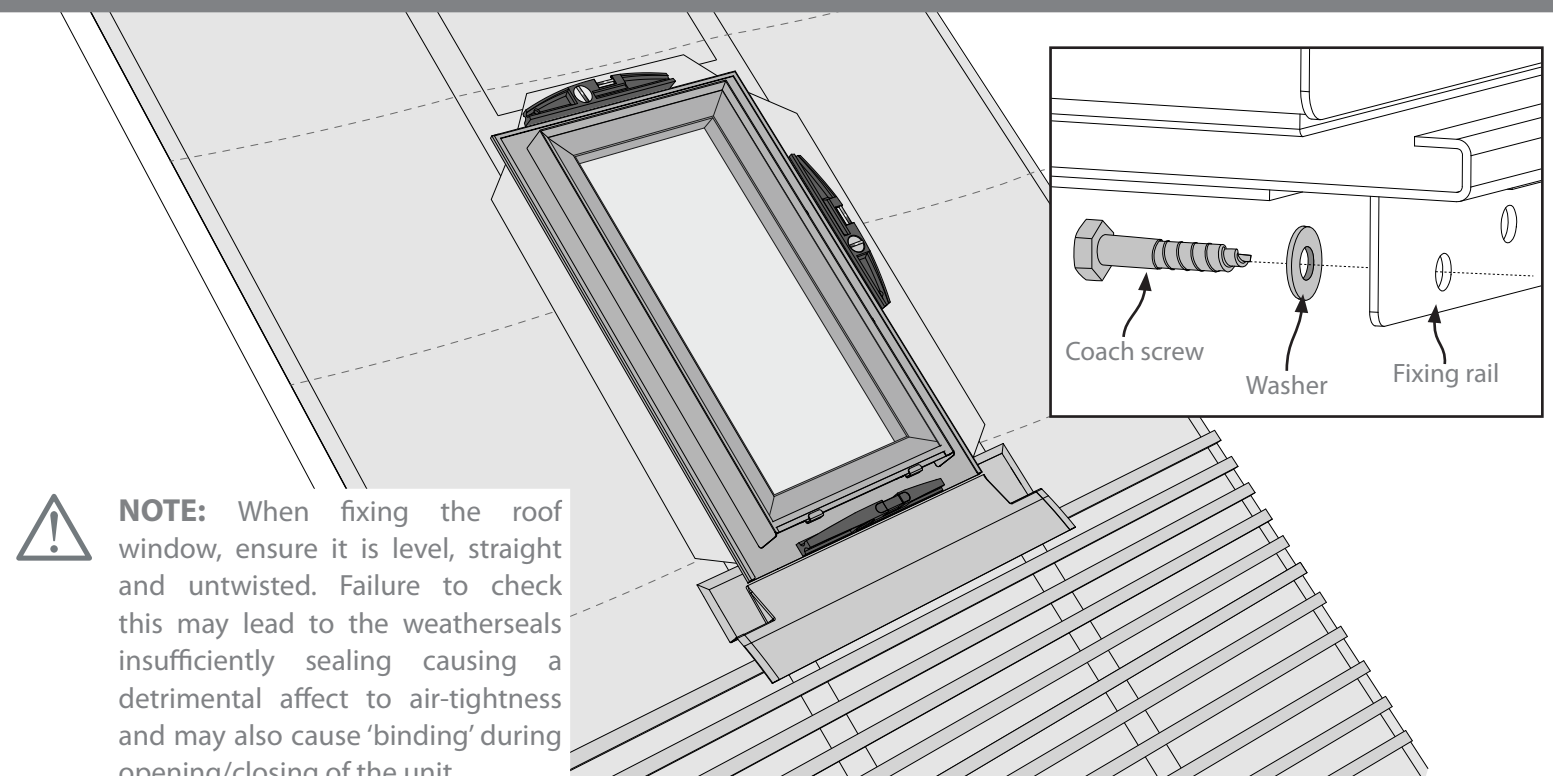
HINGED ON RIGHT  
JAMB WHEN VIEWED  
EXTERNALLY

### ▲ Installing the roof window

Lift the roof window into the opening (Part 1 & 2).

Locate all of the fixing points at the perimeter of the roof window. Drill pilot holes and fix the coach screw (Part 5) with a large flat washer (Part 6) into the structural bearers. **OVER TIGHTENING OF THE COACH SCREWS CAN CAUSE DAMAGE TO THE ROOF WINDOW FRAME, IT MAY BE NECESSARY TO PACK BEHIND THE FIXING RAIL.** Ensure an even number of coach screws are used across each jamb.

### ▼ Fix / level



Coach screw

Washer

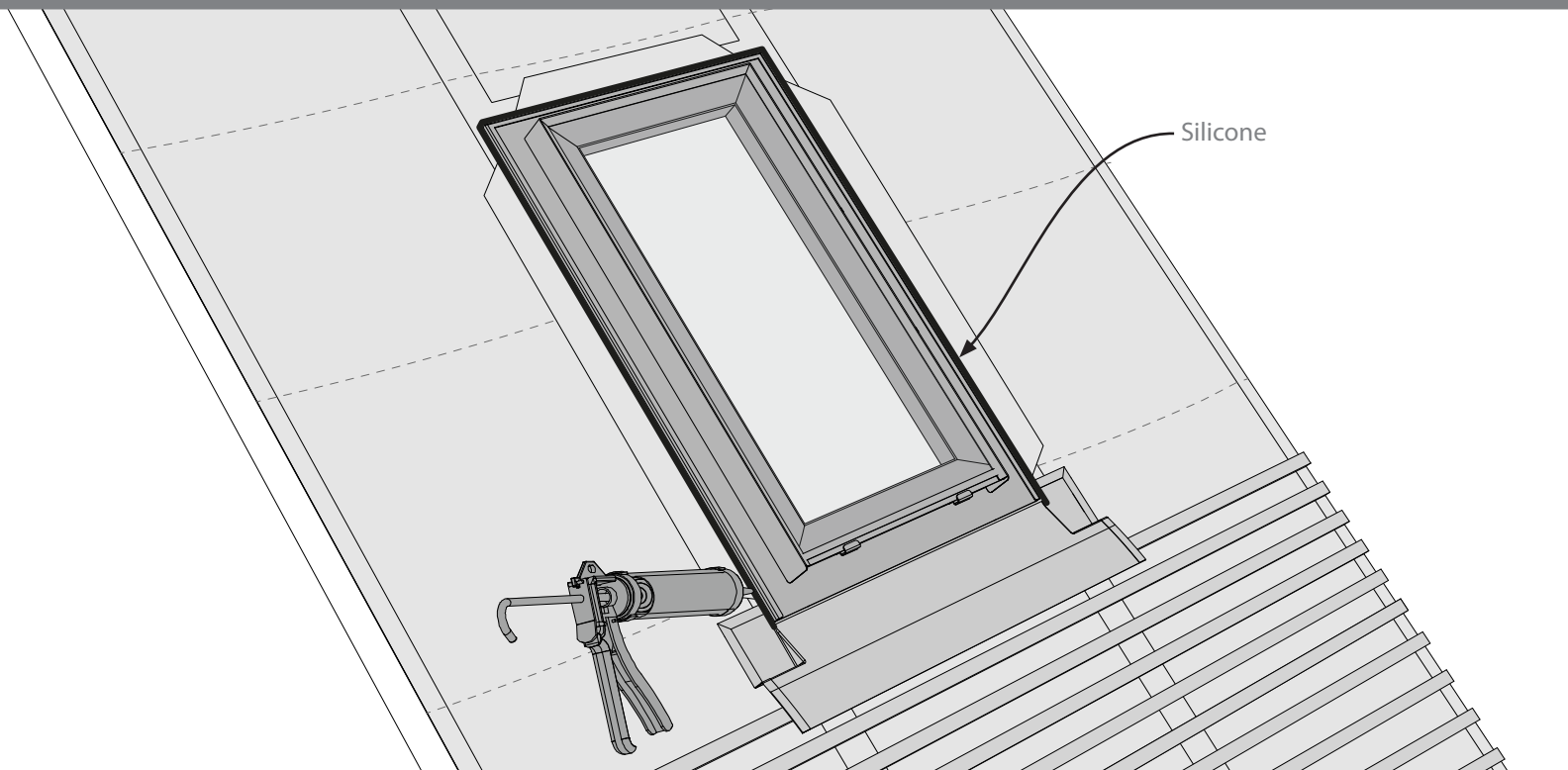
Fixing rail



**NOTE:** When fixing the roof window, ensure it is level, straight and untwisted. Failure to check this may lead to the weatherseals insufficiently sealing causing a detrimental affect to air-tightness and may also cause 'binding' during opening/closing of the unit.

## SECTION 6 - Installing the roof window

- > Perimeter silicone fillet
- > Jamb flashing trim height

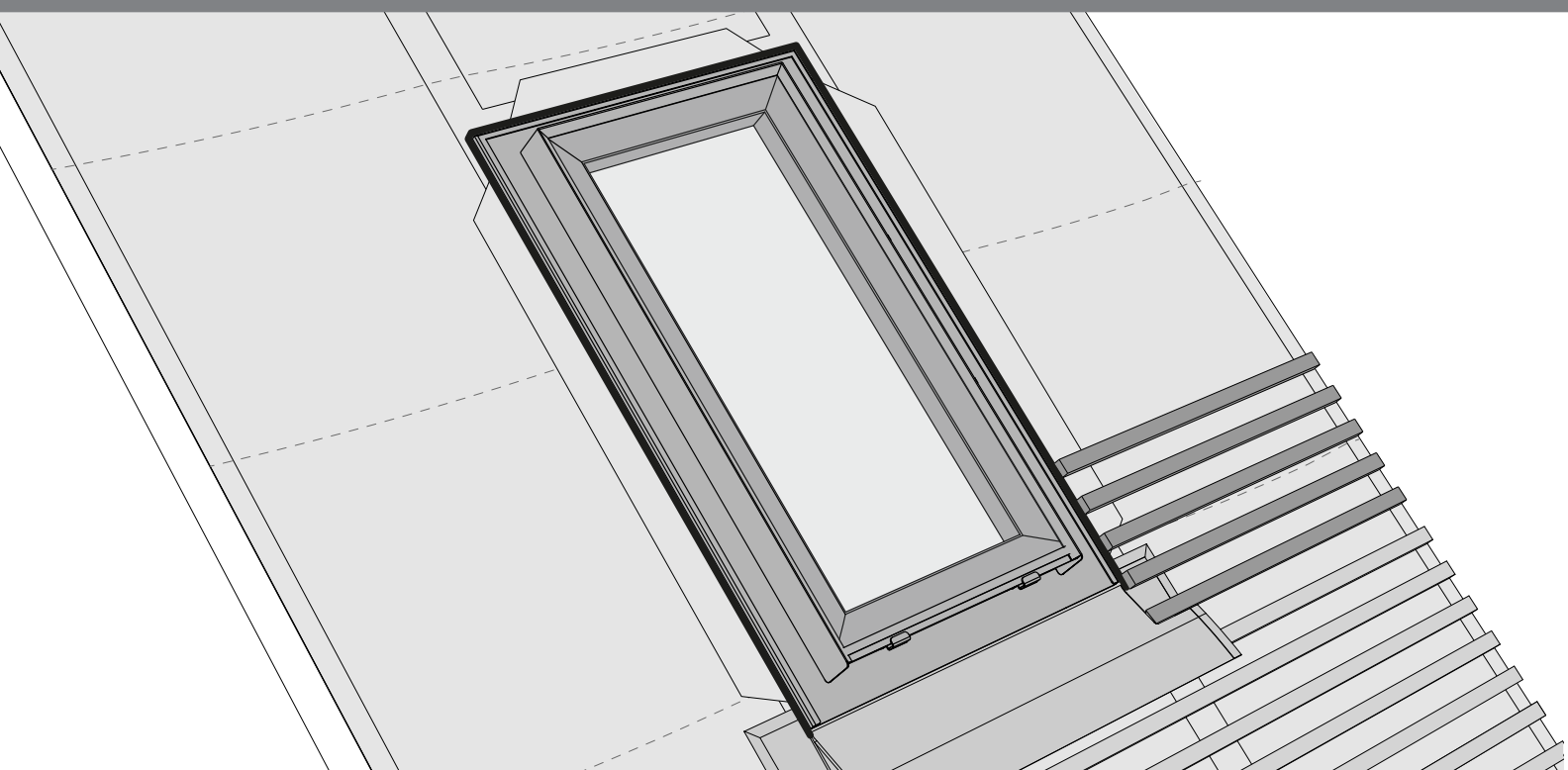


### ▲ Perimeter silicone fillet

Install a thick continuous fillet of low modulus neutral cure silicone to full length and width of the jambs and head of the roof window perimeter as shown.

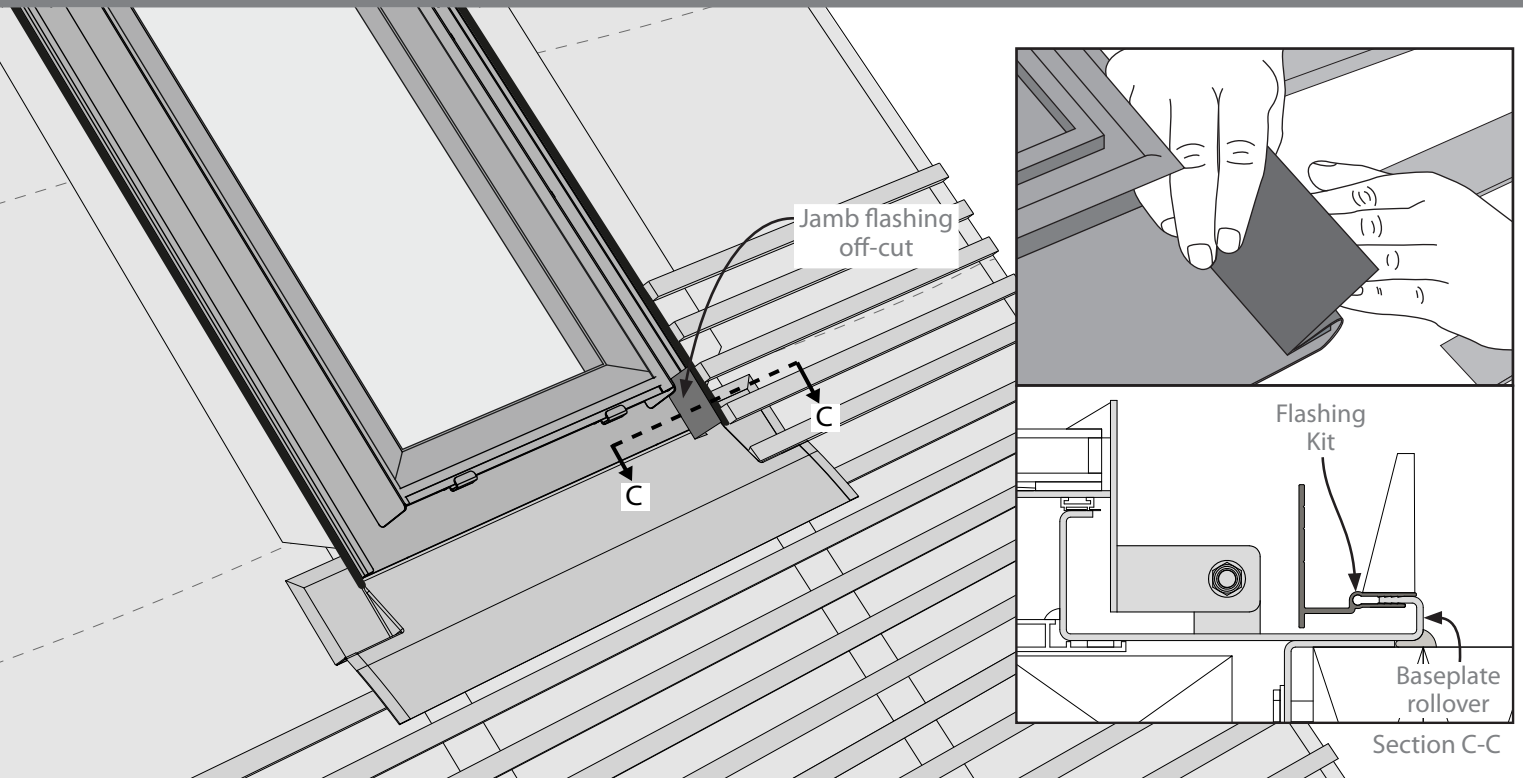
Tack four rows of battens up one jamb- do not nail home the ends of the battens next to the roof window.

### ▼ Jamb flashing trim height



# SECTION 6 - Installing the roof window

> Jamb flashing trim height

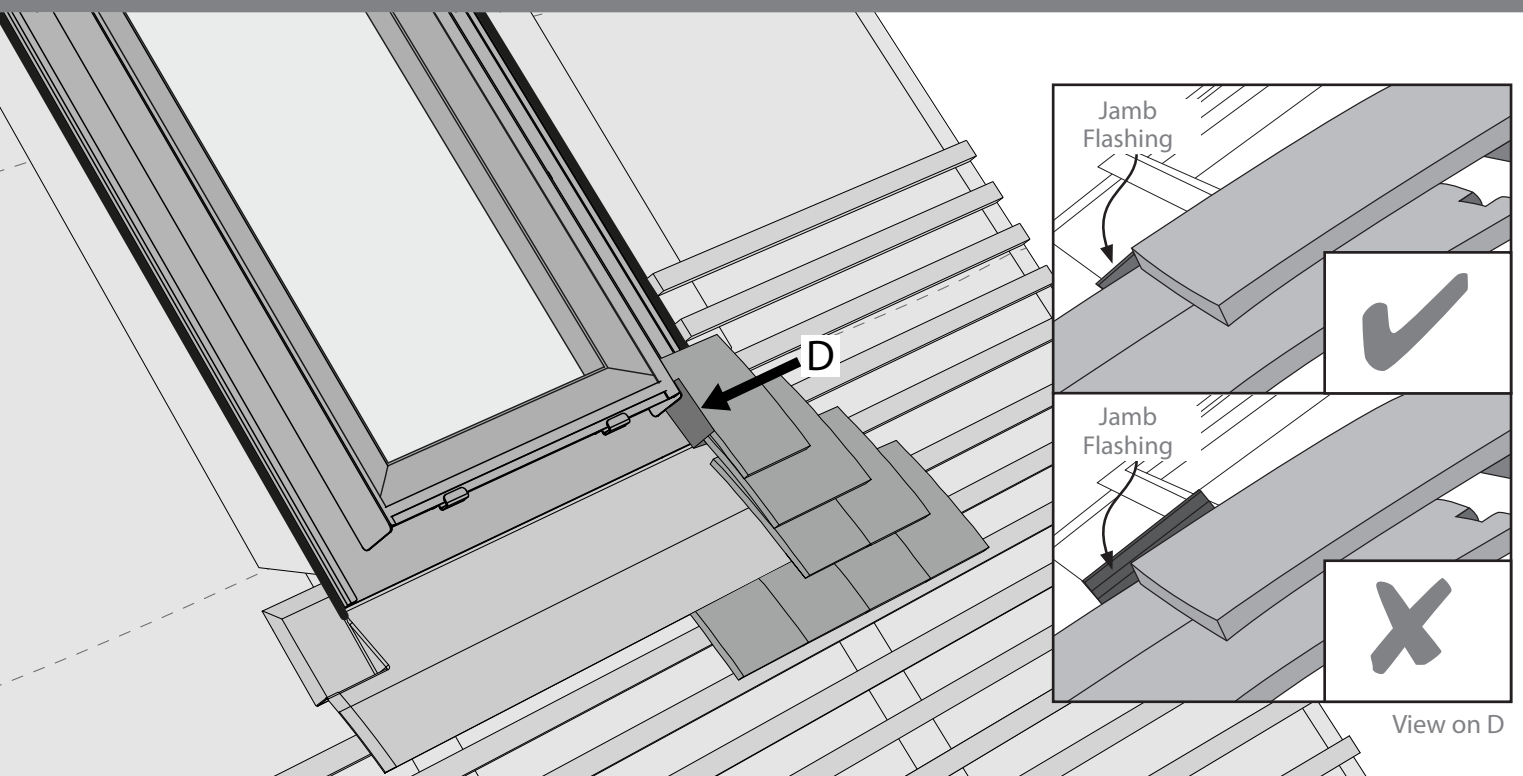


## ▲ Jamb flashing trim height

Clip the jamb flashing off-cut (Part 12) onto the baseplate rollover and align with the bottom edge of the baseplate (Part 2).

Dry tile four courses of tiles at the cill. Use the jamb flashing off-cut (Part 12) to determine whether or not it is required to trim down the jamb flashing (Part 7). If the top edge of the off-cut sits above the general line of the roof finish, trimming is required.

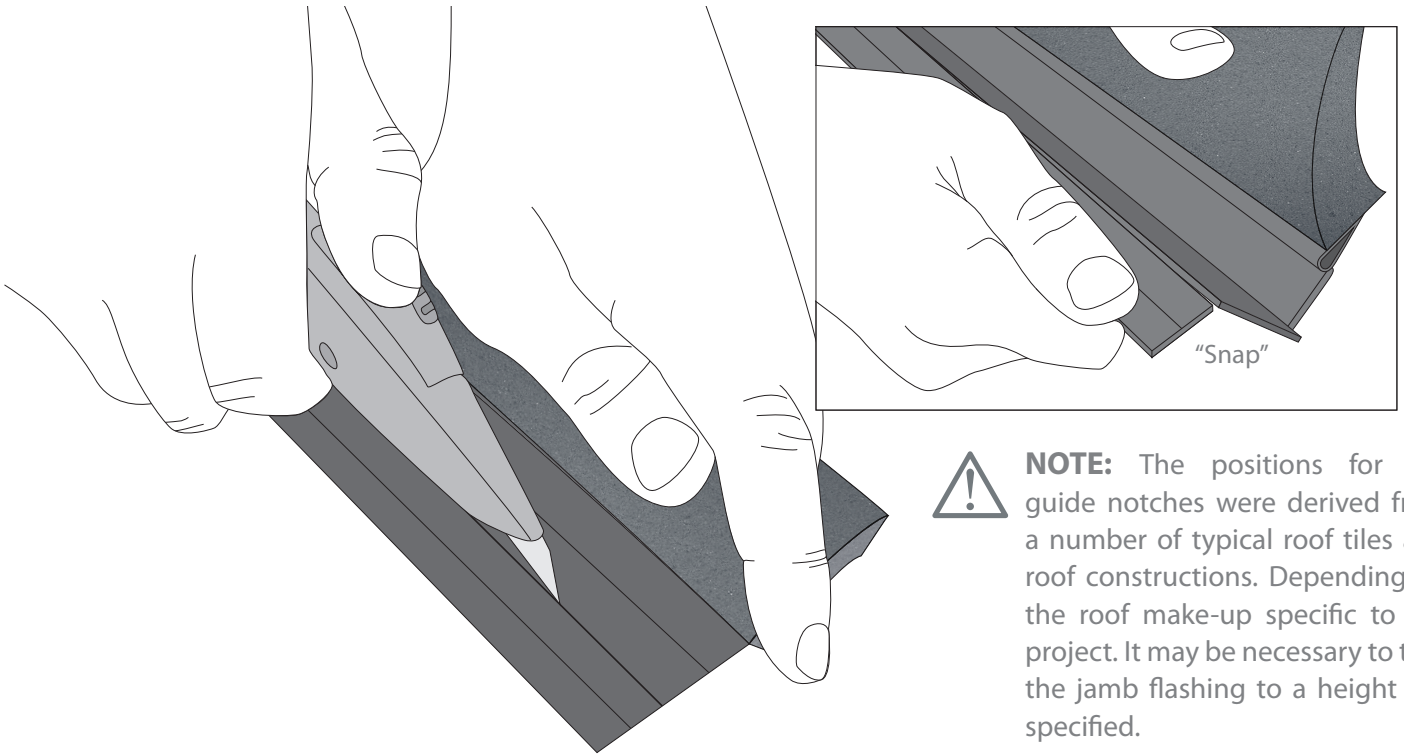
## ▼ Jamb flashing trim height



## SECTION 6 - Installing the roof window

> Trimming the jamb flashing extrusion

> Installing the jamb flashing



**NOTE:** The positions for the guide notches were derived from a number of typical roof tiles and roof constructions. Depending on the roof make-up specific to the project. It may be necessary to trim the jamb flashing to a height not specified.

### ▲ Trimming the jamb flashing extrusion

Lay the jamb flashing (Part 7) down on a clean and dry surface. Fold back the foam and use a sharp stanley knife to firmly score along the entire length of the extrusion several times. Then break off the excess extrusion.

Orientate one of the jamb flashings (Part 7) and clip onto the baseplate (Part 2) rollover- the excess felt on the jamb flashing should be towards the head of the roof window. Do the same on the opposite side. Ensure the felt attached to the jamb flashing is placed over the general roofing membrane.



### ▼ Installing the jamb flashing



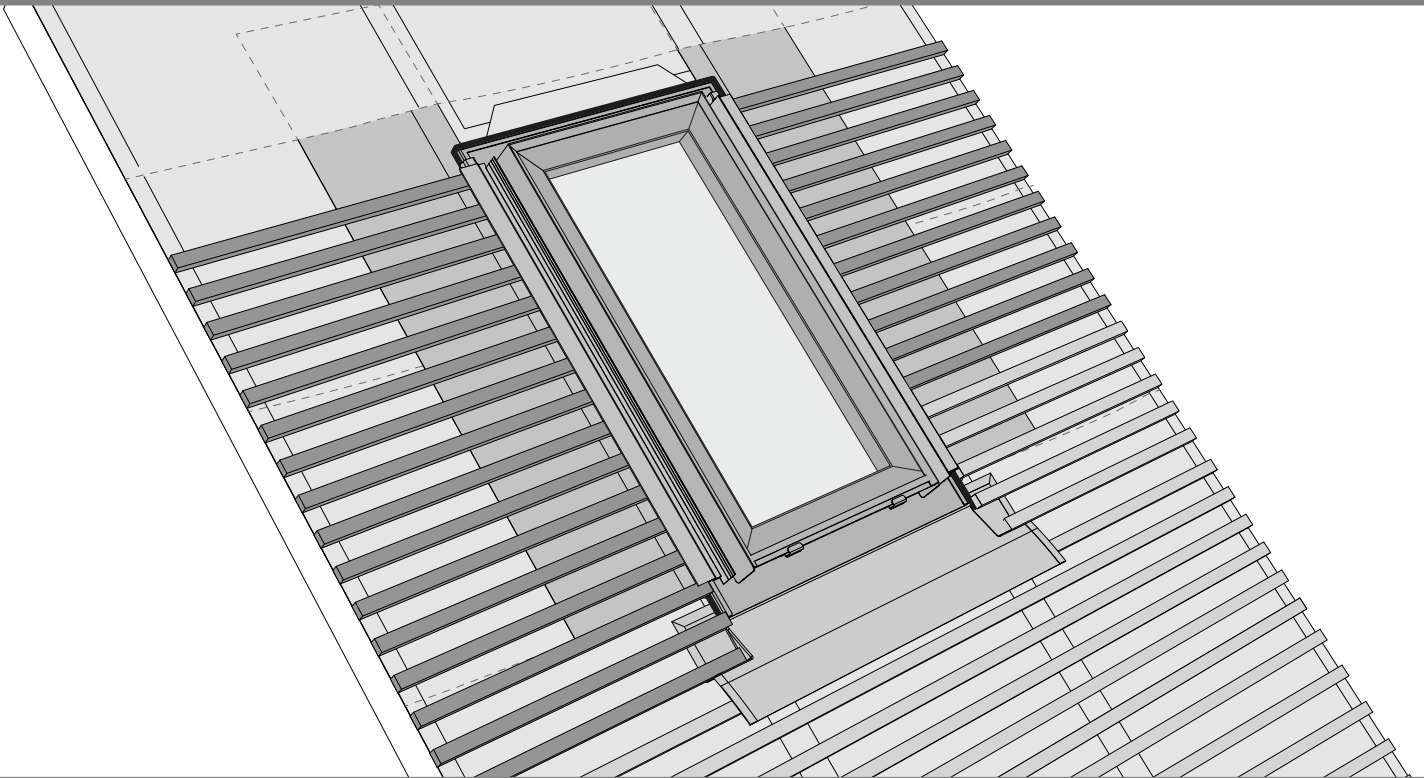
**NOTE:** If the excess felt attached to the jamb flashing (part 7) meets the next lap in the general roofing membrane, ensure it is tucked into this lap.

Jamb flashing

## SECTION 6 - Installing the roof window

> Battening up the jambs

> Installing the head tilting fillet

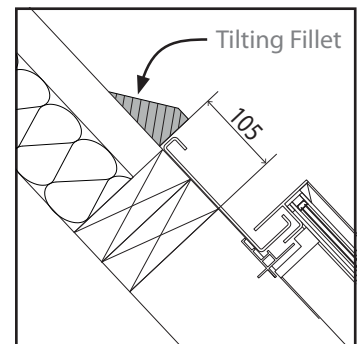
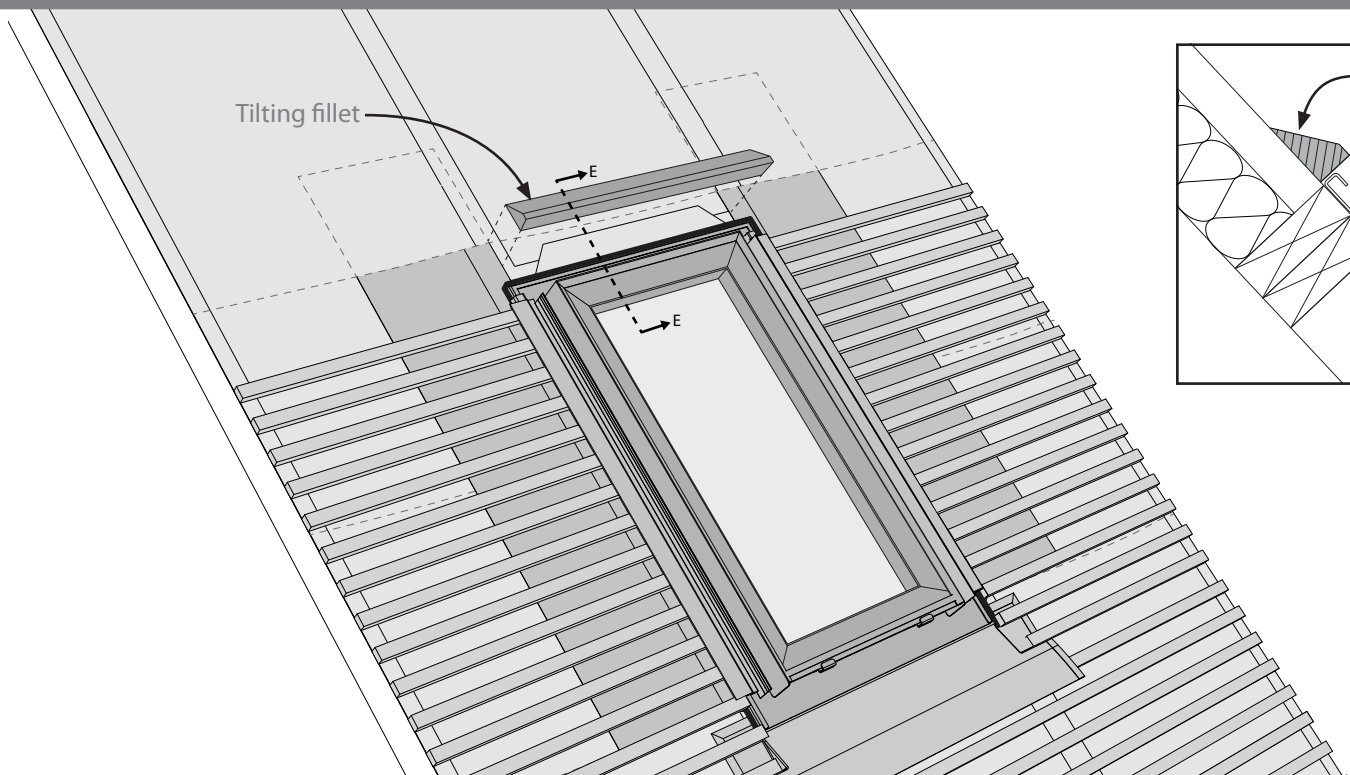


### ▲ Battening up the jambs

Install the battens up the jambs

Install the head tilting fillet as shown (we recommend hardwood or treated softwood). Fix the head tilting fillet to the rafters.

### ▼ Installing the head tilting fillet



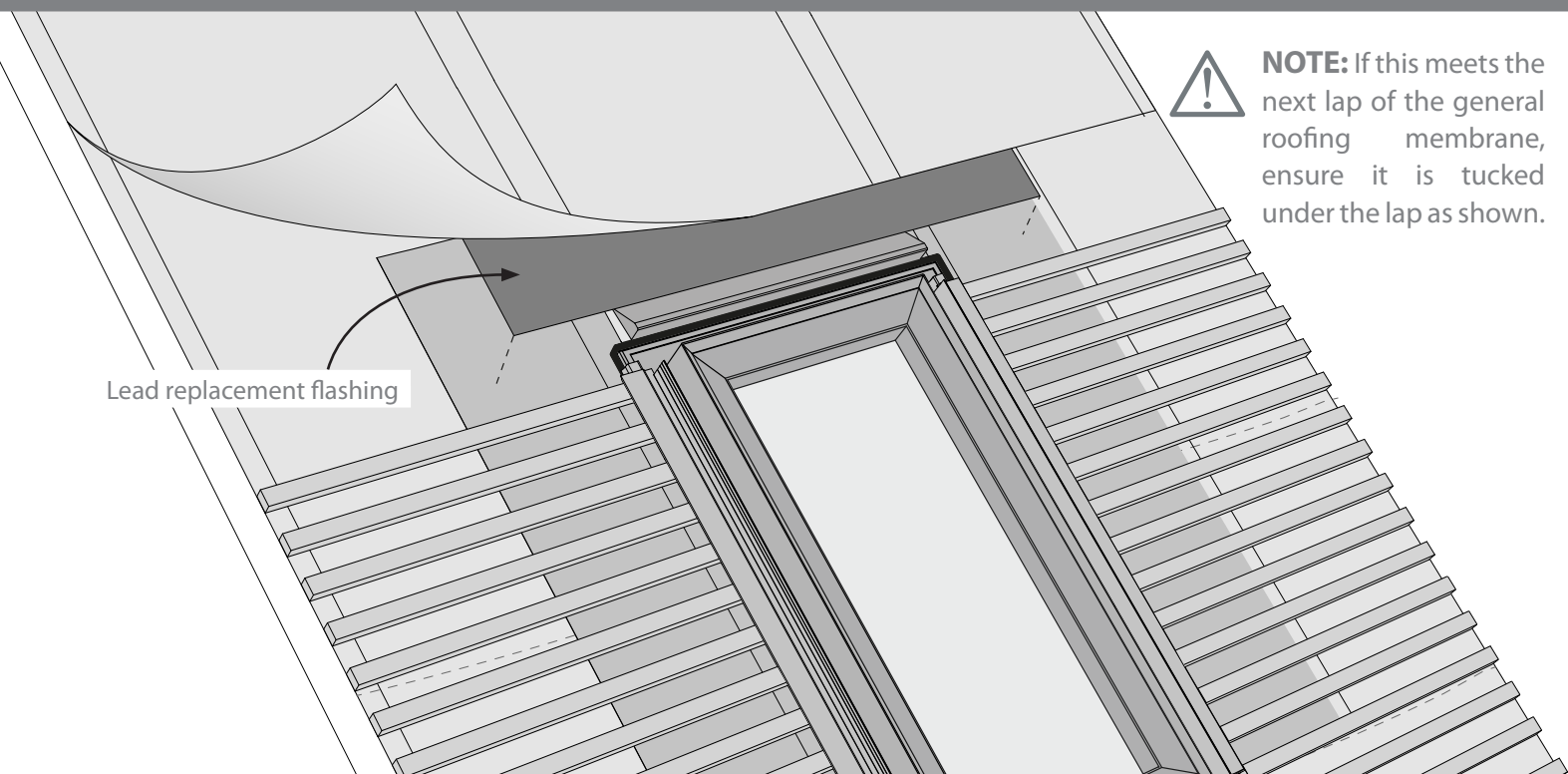
Section E-E

## SECTION 6 - Installing the roof window

- > Installing the head lead replacement flashing
- > Installing the head roofing felt



**NOTE:** If this meets the next lap of the general roofing membrane, ensure it is tucked under the lap as shown.



Lead replacement flashing

### ▲ Installing the head lead replacement flashing

Lay the head lead replacement flashing (Part 10) over the head fillet. Fold, boss and tuck the flashing back into the baseplate rollover. There may be a requirement to trim the head flashing around the jamb battens depending on their position. This can be done with a sharp stanley knife.

Install the head roofing felt (Part 11). Lay the strip of roofing felt over the lead replacement flashing at the head (Part 10) and ensure it tucks under the next lap in the general roofing membrane.

### ▼ Installing the head roofing felt

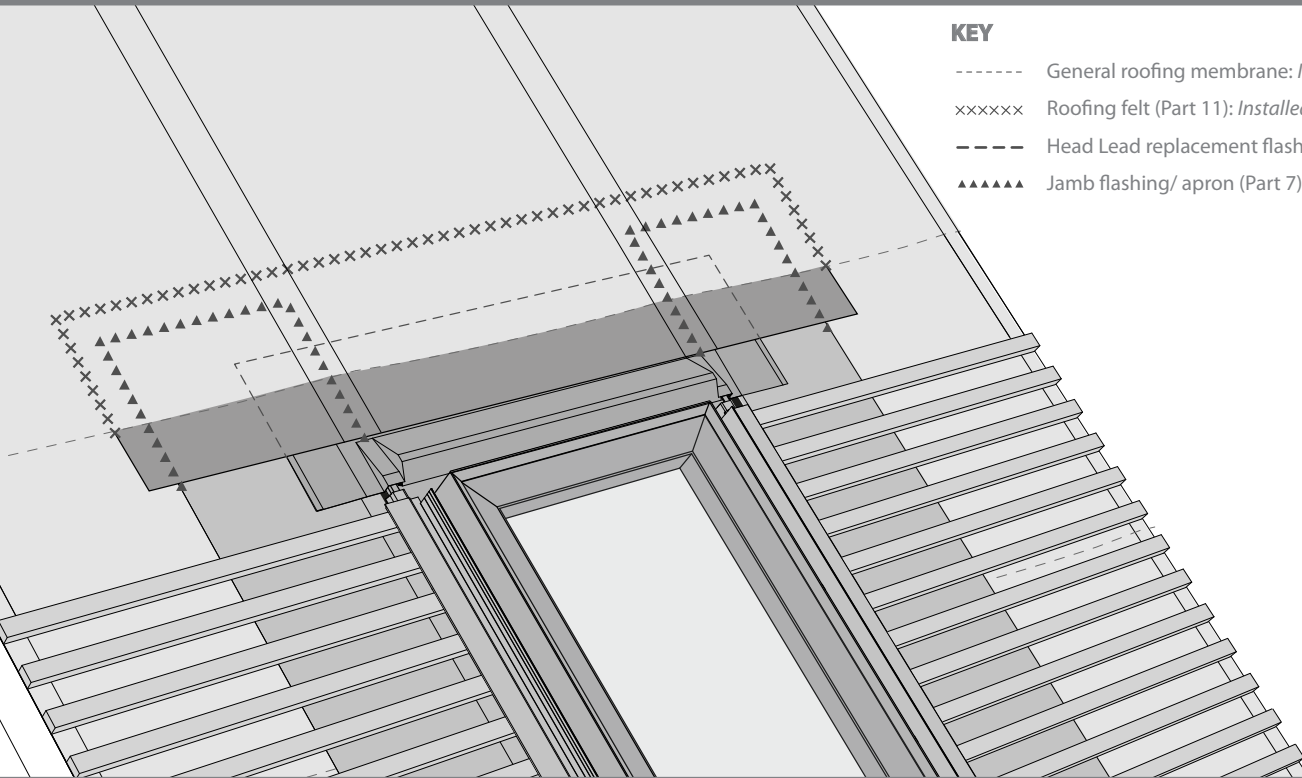


Roofing Felt

# SECTION 6 - Installing the roof window

> Weathering

> Installing the battens at the head



## KEY

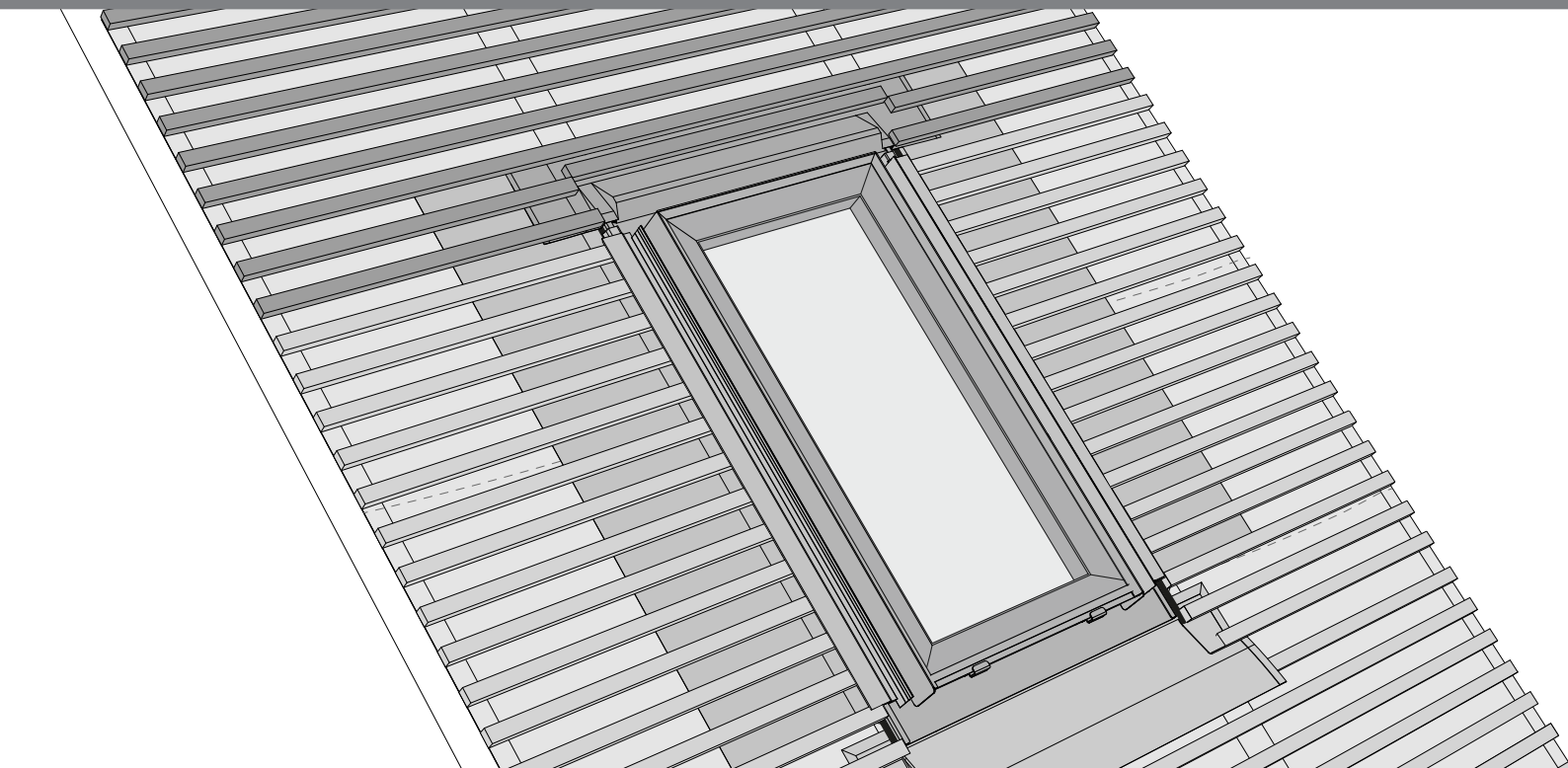
- General roofing membrane: *Installed above,*
- xxxxxx Roofing felt (Part 11): *Installed above,*
- - - - Head Lead replacement flashing (Part 10): *Installed above,*
- ▲▲▲▲ Jamb flashing/ apron (Part 7)

### ▲ Weathering

The combination of the lead replacement flashing (Part 10) and the roofing felt (Part 11) being lapped in this way, ensure moisture will run over the tilting fillet onto the baseplate and finally down off the roof.

Finish installing the final rows of battens at the head.

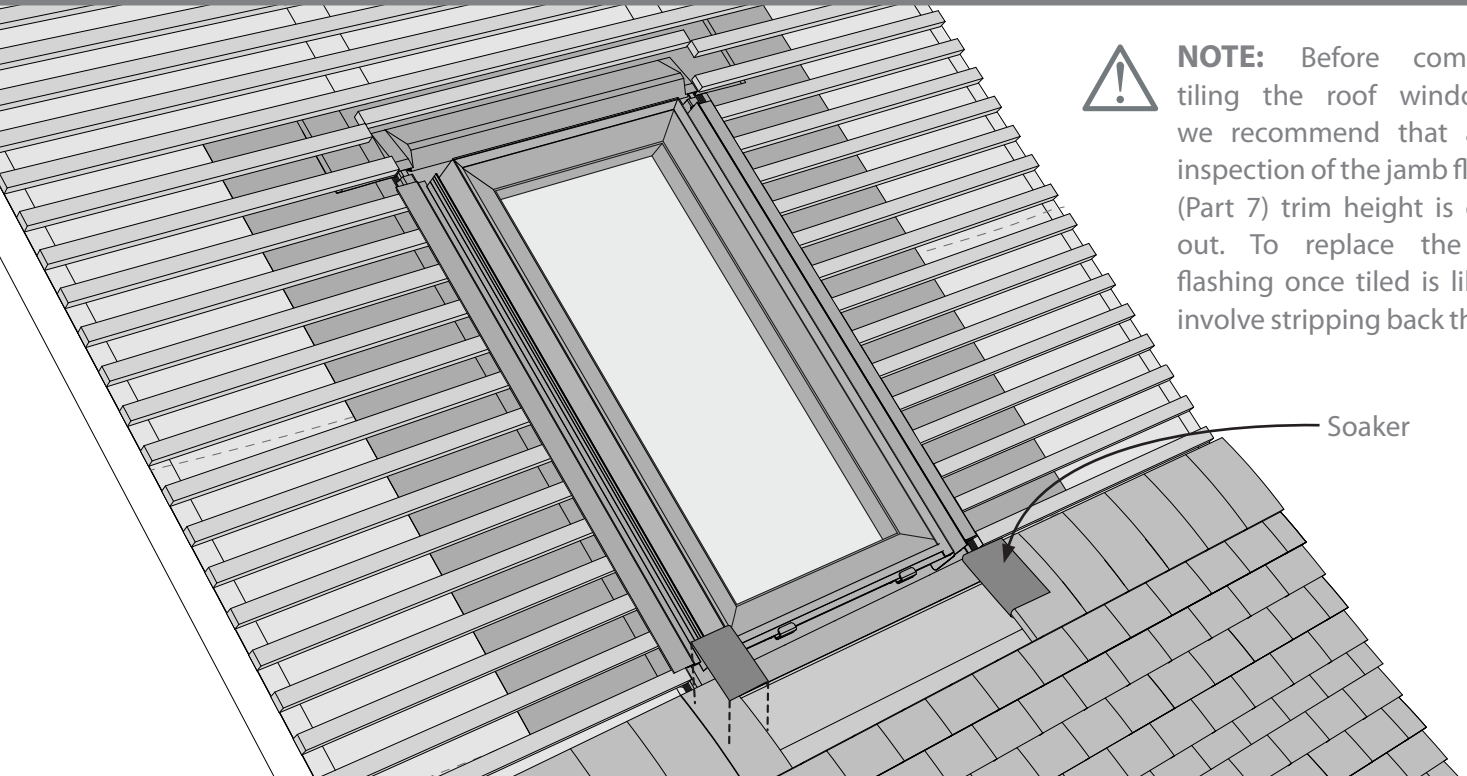
### ▼ Installing the battens at the head



## SECTION 6 - Installing the roof window

> Soakers

> Tile up the jambs



**NOTE:** Before completely tiling the roof window in, we recommend that a final inspection of the jamb flashing (Part 7) trim height is carried out. To replace the jamb flashing once tiled is likely to involve stripping back the roof.

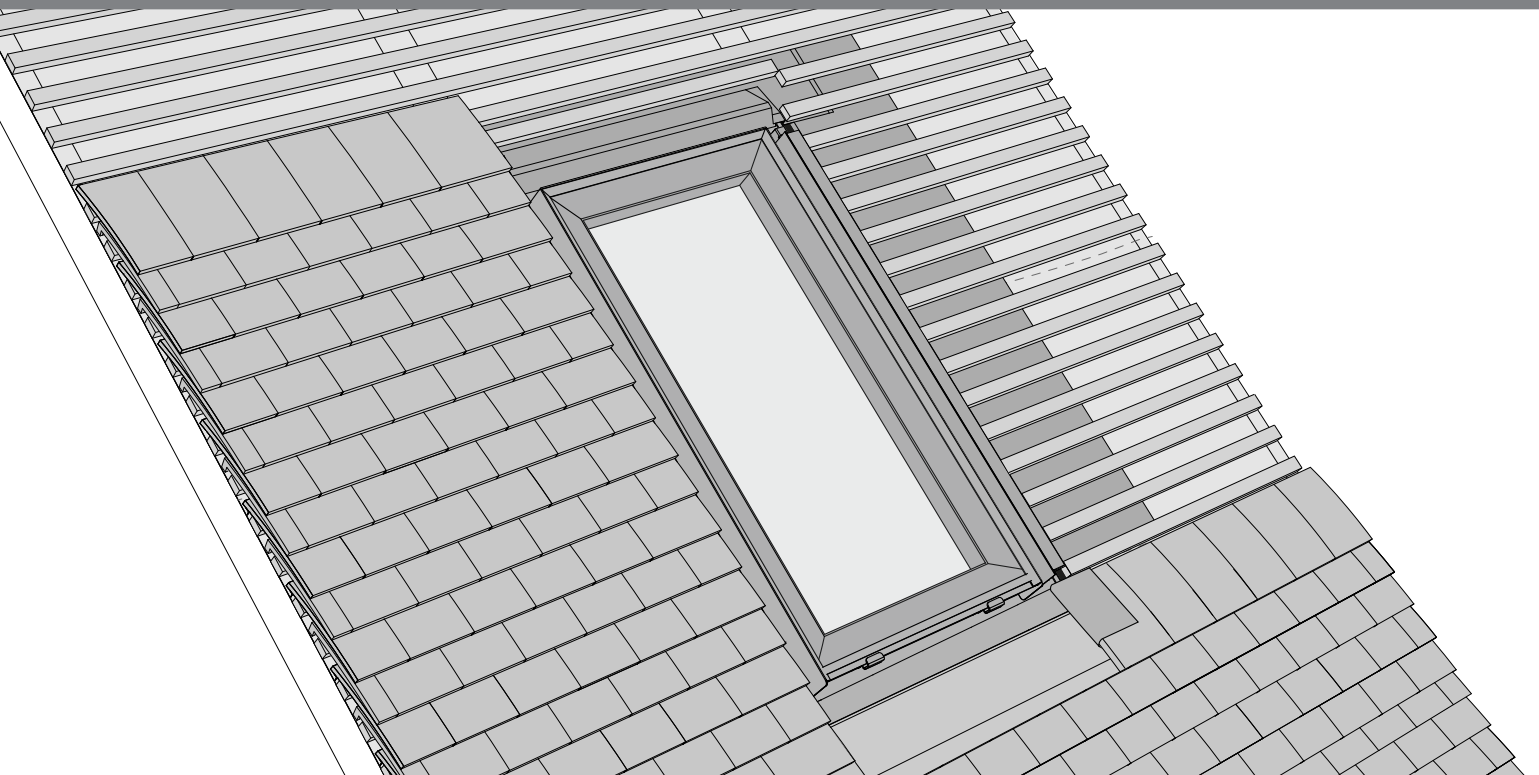
Soaker

### ▲ Soakers

Tile up to the cill. Soakers (Part 8) are then required, one per jamb. Lay the soaker flashing over the edge of the cill corner and form the soaker ensuring it tucks behind the jamb flashing extrusion (Part 7) as shown.

Tile the jambs using the edge of the jamb flashing (Part 7) as a guide. Ensure the weathering foam attached to the jamb flashing is folded down and away from the roof window when laying the tiles.

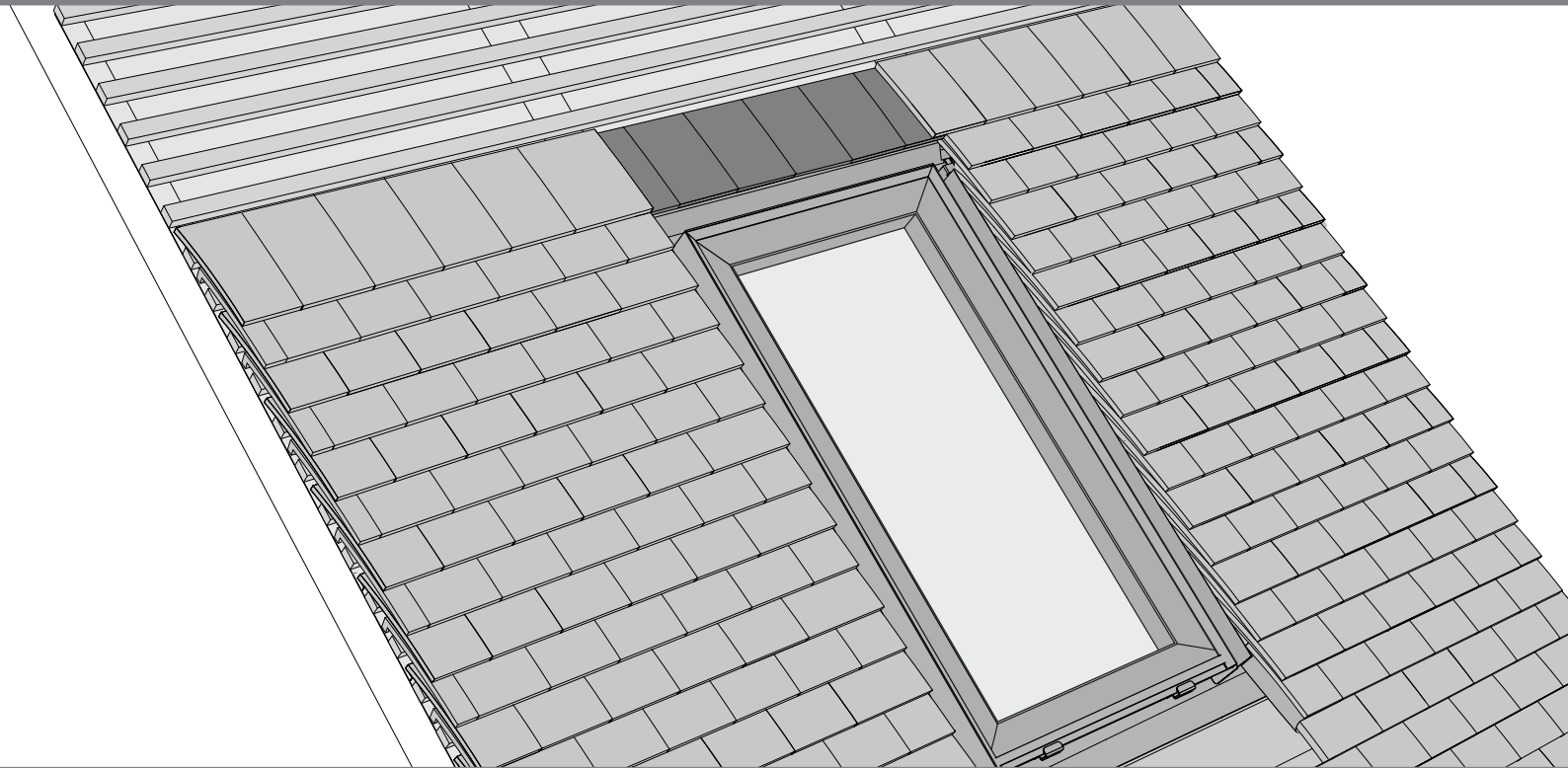
### ▼ Tile up the jambs



## SECTION 6- Installing the roof window

> Tile the head

> Complete the tiling



### ▲ Tile the head

The head of the roof window can now be tiled. We recommend the use of eaves tiles.

Complete the tiling around the head of the roof window accordingly.

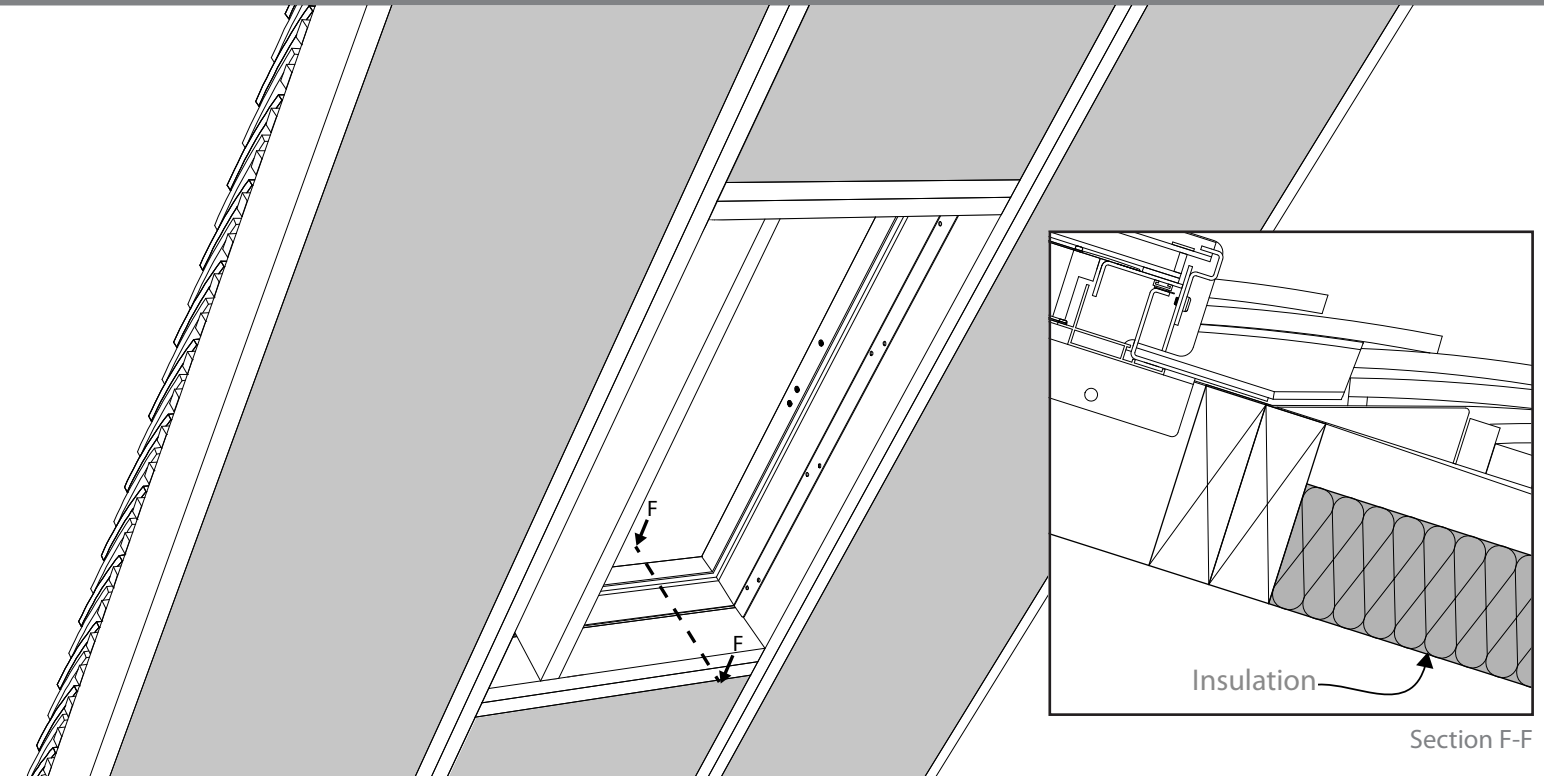
### ▼ Complete the tiling



## SECTION 7 - Finishing the interior

> Insulation

> Packers

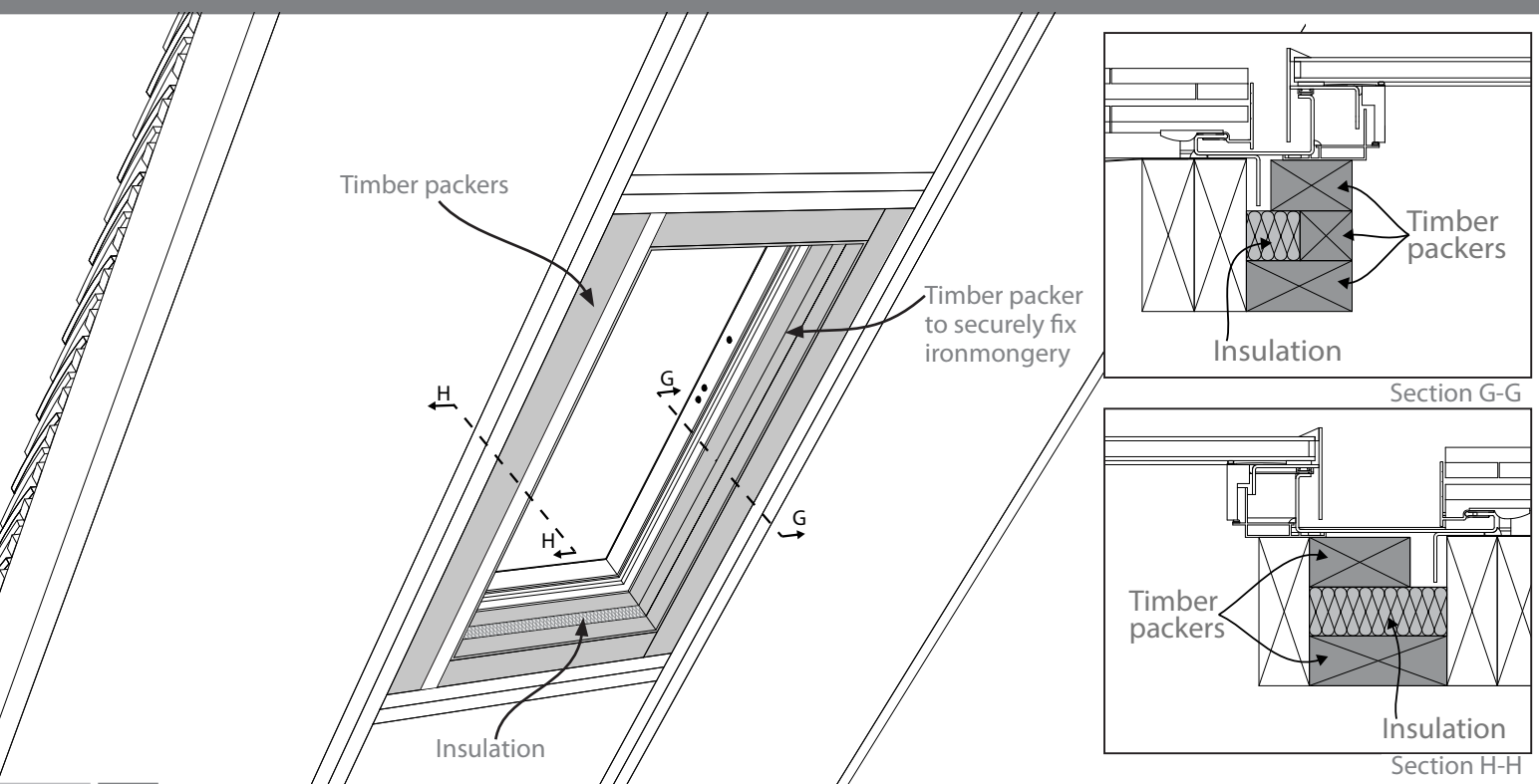


### ▲ Insulation

Install the insulation between the rafters.

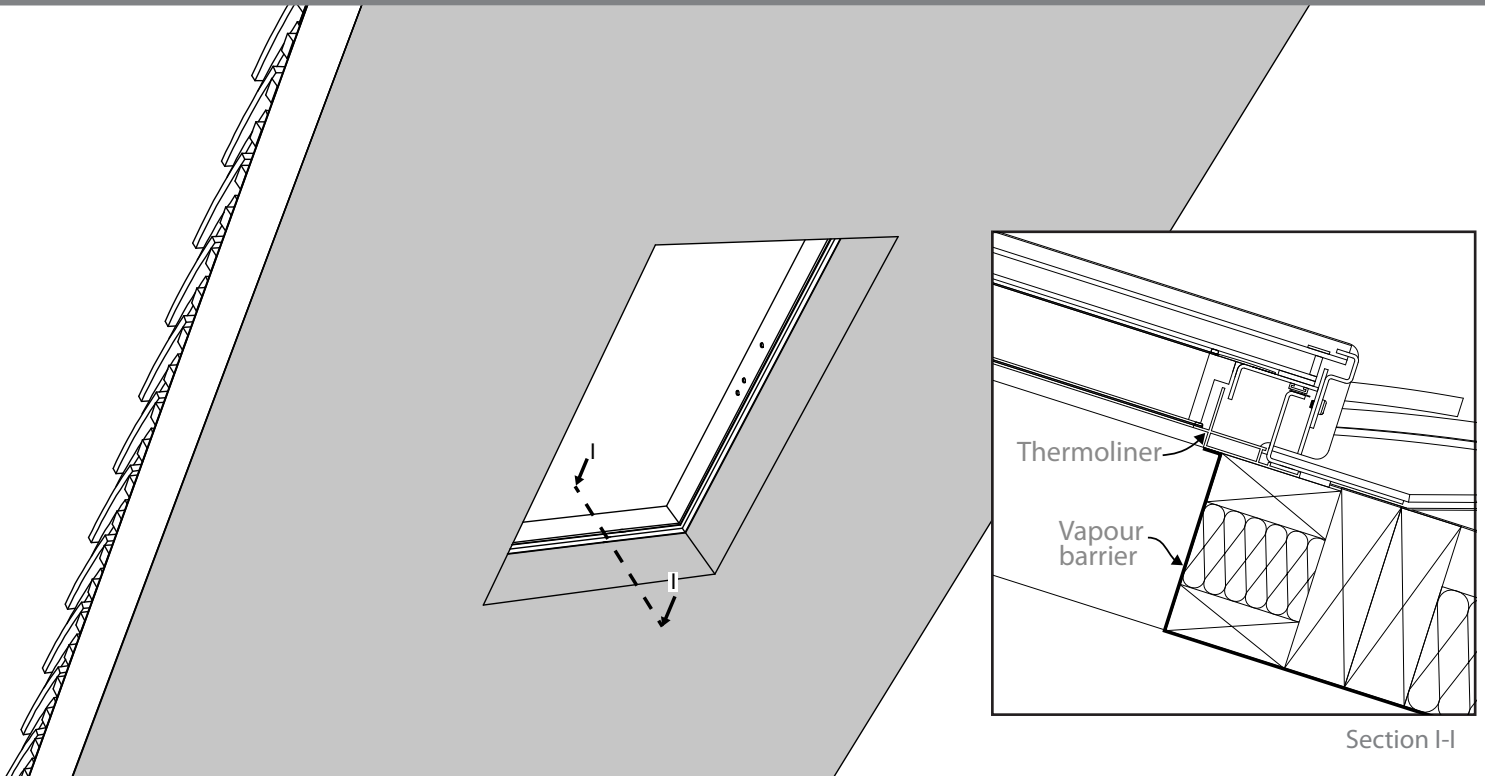
Fix timber packers and insulation to the structural supports at the head, cill and jambs (we recommend the use of treated softwood). Use timber packers at the jamb where the ironmongery will be fitted to provide a secure fixing point. Ensure there is sufficient space for the plasterboard and skim so it creates a flush finish with the roof window.

### ▼ Packers



## SECTION 7 - Finishing the interior

- > Vapour barrier
- > Plasterboard & Skim

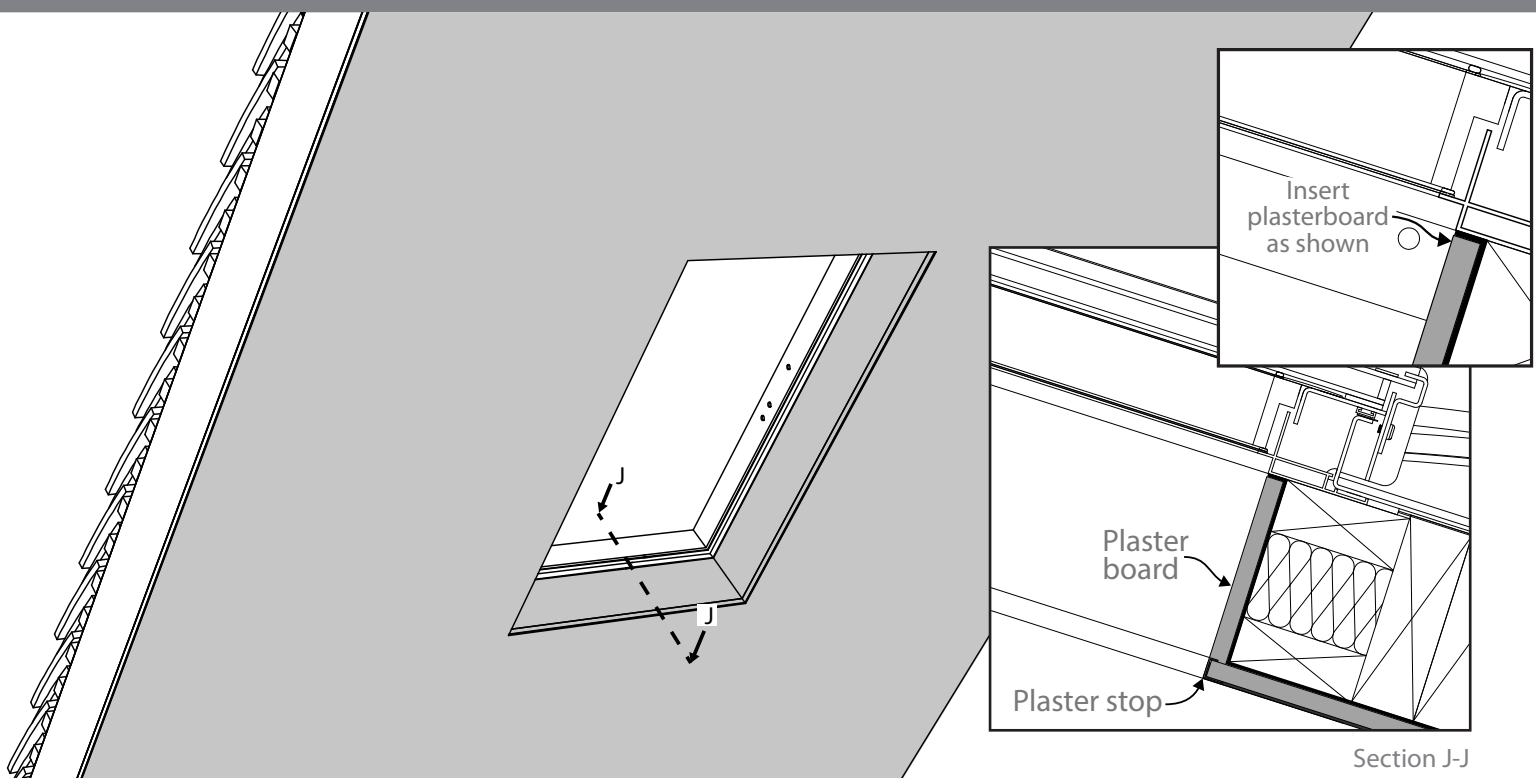


### ▲ Vapour barrier

Install the vapour barrier around the roof window. This should finish at the thermoliner as shown.

Install the plasterboard over the ceiling. Ensure there is a 12.5mm overlap with a plaster stop on the corner. Then insert the plasterboard around the head, cill and jambs, behind the bottom left of the thermoliner as shown. Skim the main ceiling plasterboard but NOT the head, jambs and cill.

### ▼ Plasterboard & Skim

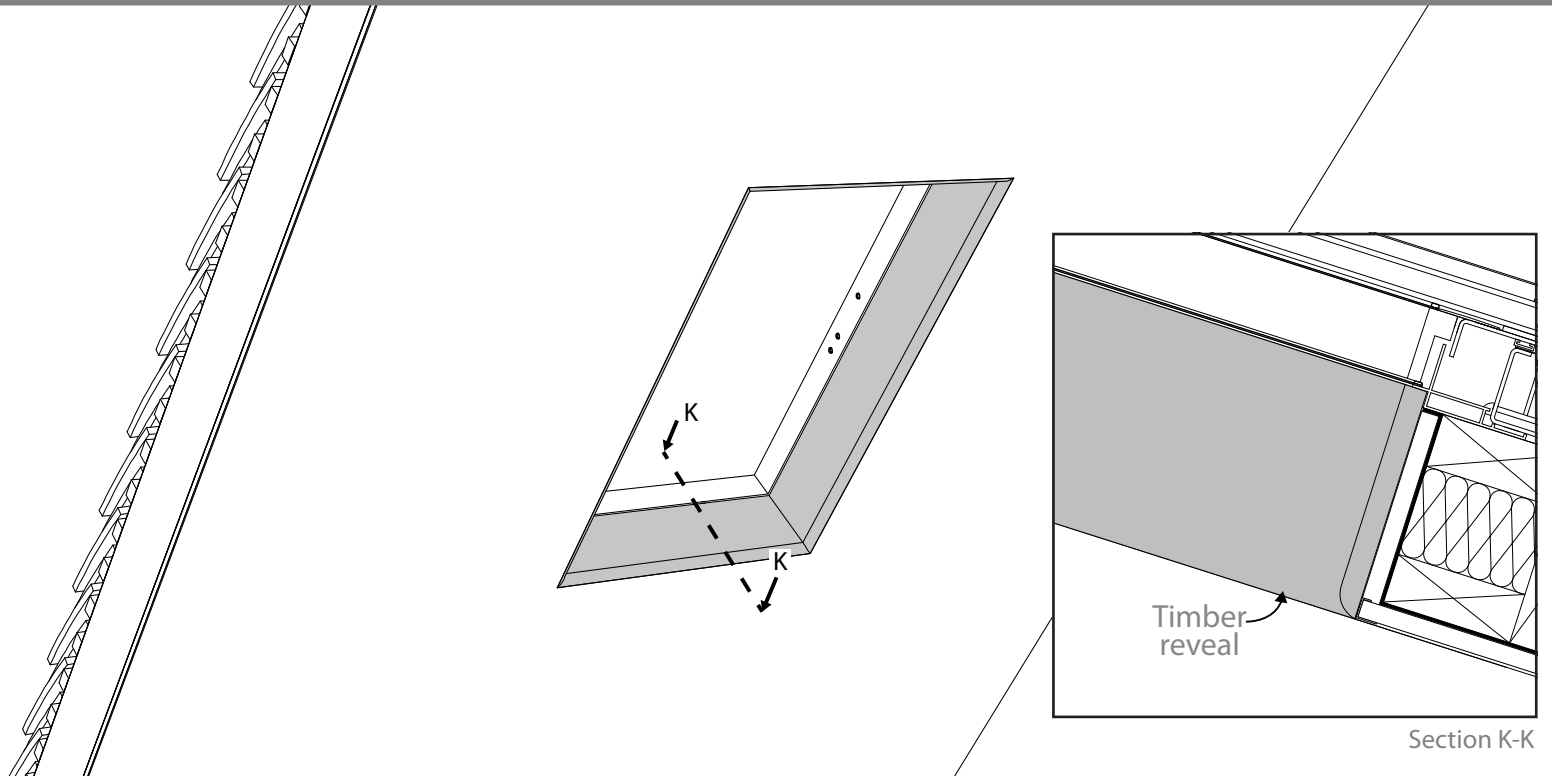


Section J-J

## SECTION 7 - Finishing the interior

> Timber reveal & architrave

> Paint the timber liner

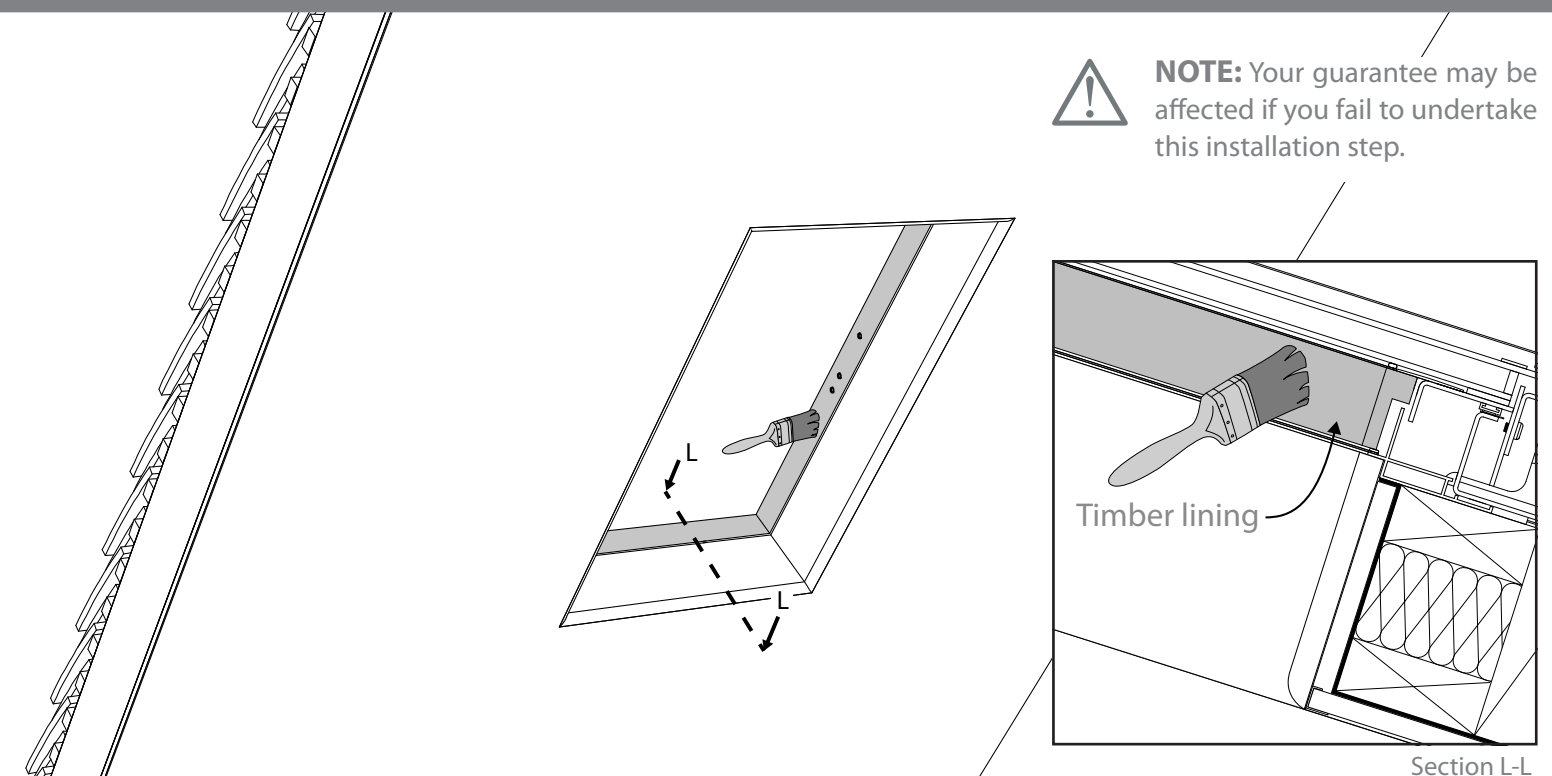


### ▲ Timber reveal & architrave

To complete the installation and provide a frameless internal appearance, fit a timber reveal around the head, cill and jambs, over the plasterboard. Ensure there is no interference with the thermoliner.

For roof windows without a factory painted timber lining- this step must be completed to ensure longevity of this component. Paint the unfinished timber lining with a timber finishing paint. Ensure all four sides are painted.

### ▼ Paint the timber lining



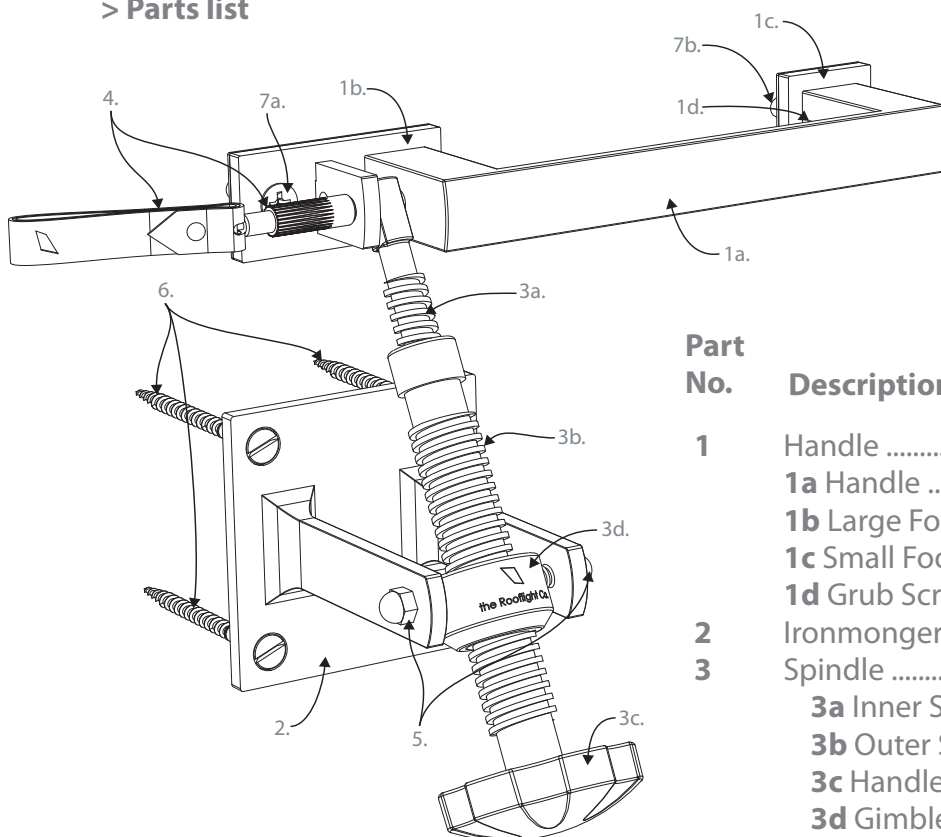
**NOTE:** Your guarantee may be affected if you fail to undertake this installation step.

# SECTION 8- Installing the ironmongery

> Contents of the box

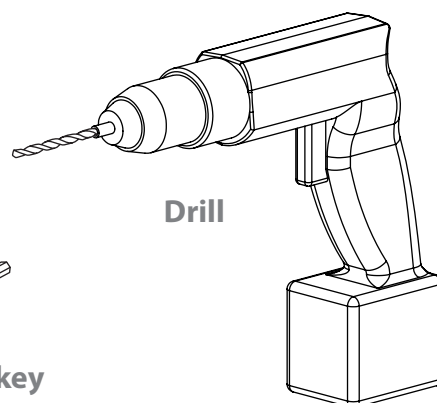
## CONTENT OF THE BOX

### > Parts list



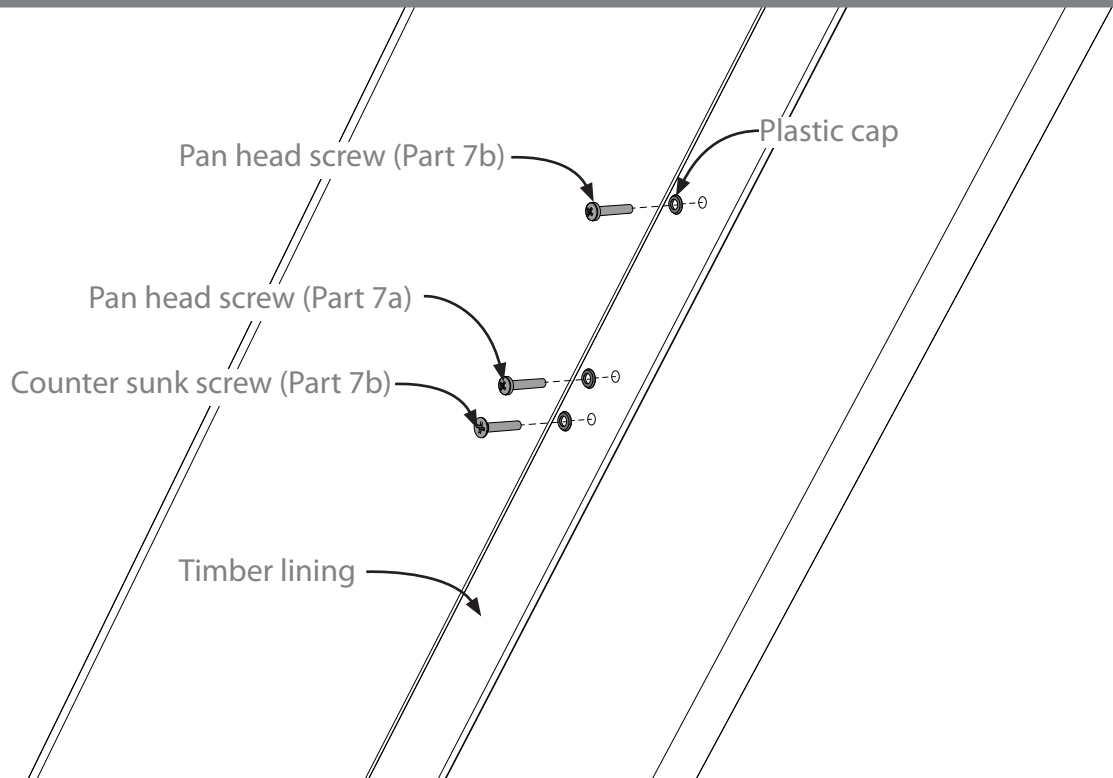
Part No.	Description	Quantity
<b>1</b>	Handle .....	1
<b>1a</b>	Handle .....	1
<b>1b</b>	Large Foot .....	1
<b>1c</b>	Small Foot .....	1
<b>1d</b>	Grub Screws .....	4
<b>2</b>	Ironmongery Support Bracket .....	1
<b>3</b>	Spindle .....	1
<b>3a</b>	Inner Spindle .....	1
<b>3b</b>	Outer Spindle .....	1
<b>3c</b>	Handle .....	1
<b>3d</b>	Gimble .....	1
<b>4</b>	Plunger .....	1
<b>5</b>	Spindle Retaining Screw .....	2
<b>6</b>	No. 8 Wood Screws.....	4
<b>7</b>	Handle screws .....	3
<b>7a</b>	No. 9 Machine Screws (Pan head).....	2
<b>7a</b>	No. 9 Machine Screws (Counter sunk)....	1

### > Additional Tools



## SECTION 8 - Installing the ironmongery

- > Remove roof window screws
- > Disassemble the handle

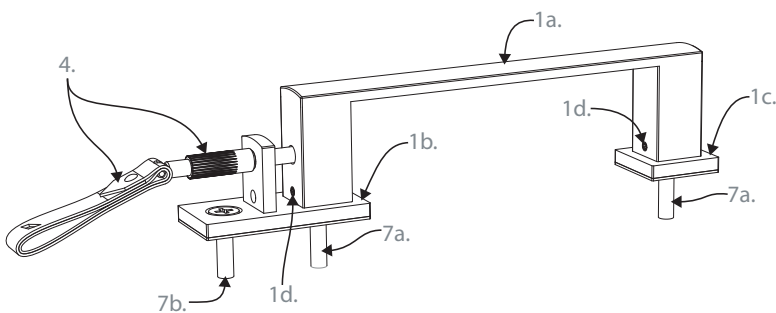


### ▲ Remove roof window screws

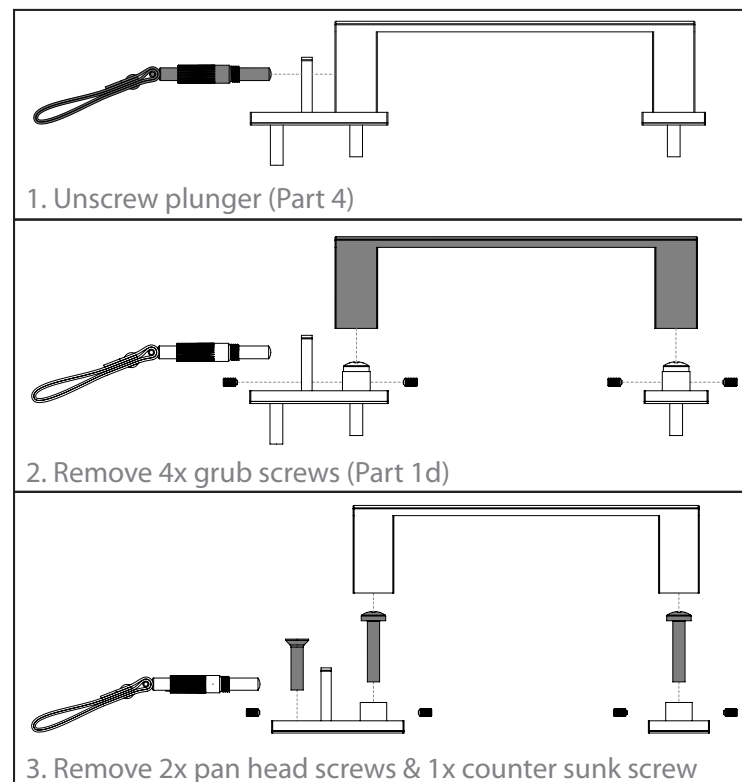
Using a screw driver, remove the three screws (Part 7) and plastic caps from the timber lining of the roof window. Retain the three screws.

Disassemble the handle (Part 1) by removing the four grub screws (Part 1d) with an allen key, retain the grub screws and fixing screws (Part 7a&7b).

### ▼ Disassemble the handle



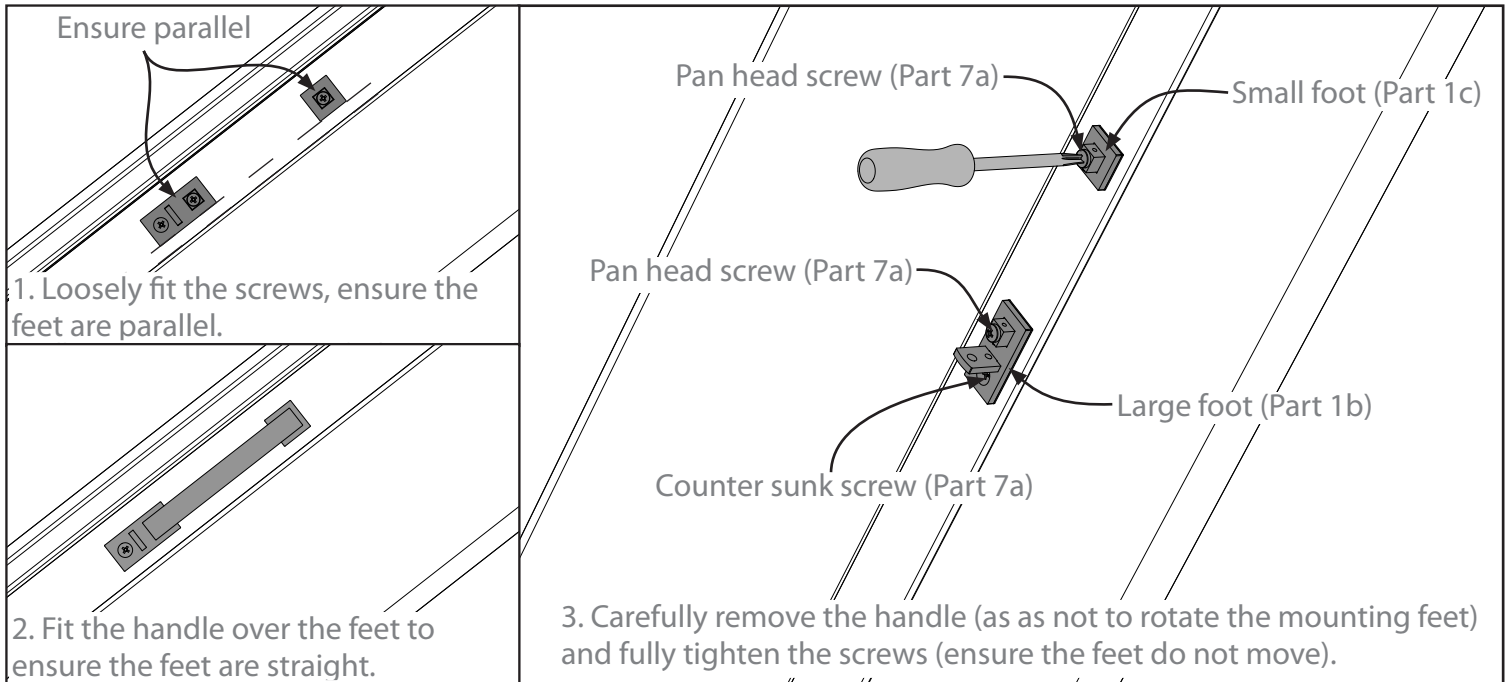
**NOTE:** The ironmongery handle is delivered pre-assembled to aid installation. Please take note of how the handle is assembled.



## SECTION 8- Installing the ironmongery

> Attach handle feet

> Attach the handle

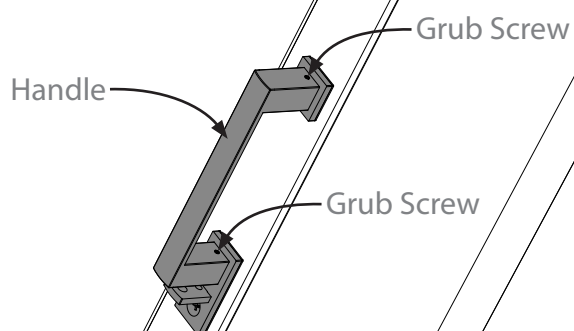
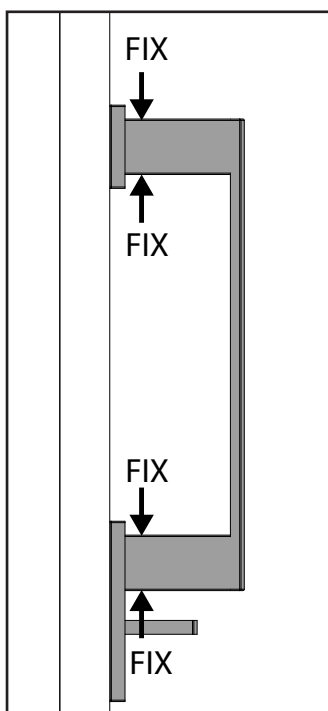


### ▲ Attach handle feet

Attach the handle feet (Part 1b & 1c) to the timber lining with the three screws (Part 7) that had previously been removed. Ensure the screws are used in the correct location.

Re-attach the handle (Part 1a) to the feet (Part 1b & 1c) using the four grub screws (part 1d).

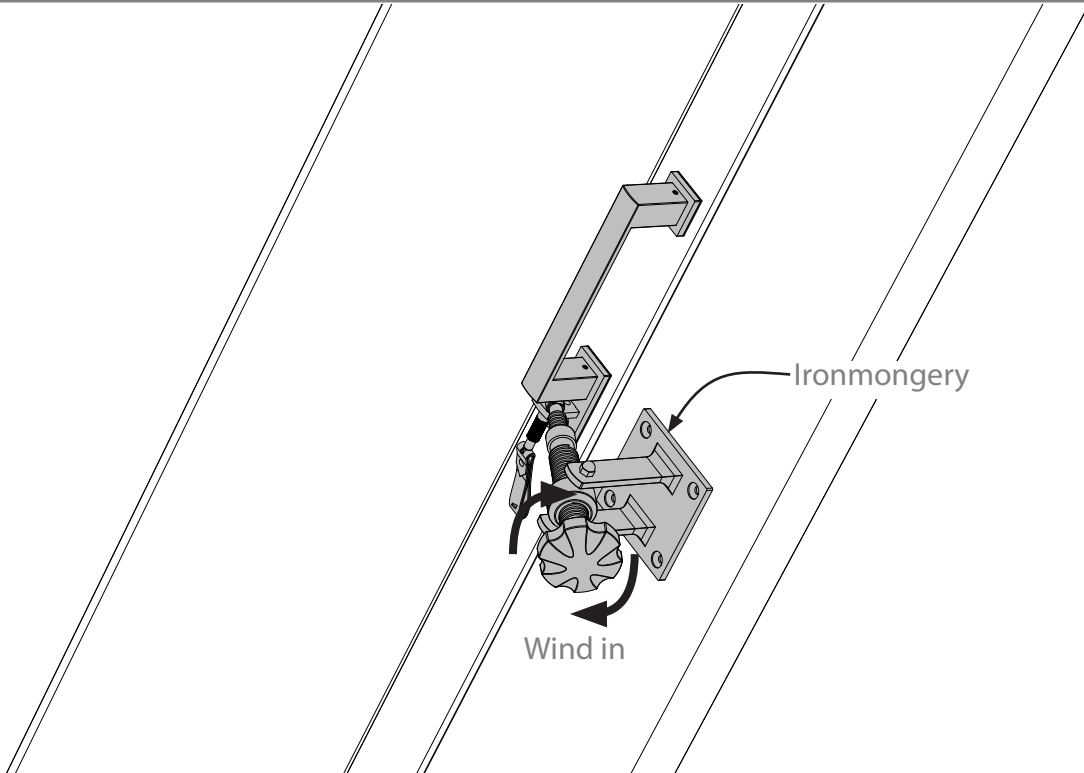
### ▼ Attach the handle



**NOTE:** Tighten the grub screws securely.

## SECTION 8 - Installing the ironmongery

- > Attach the ironmongery
- > Position the ironmongery

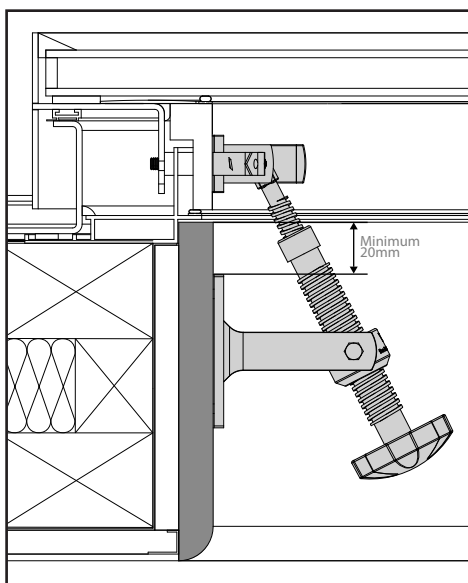


### ▲ Attach the ironmongery

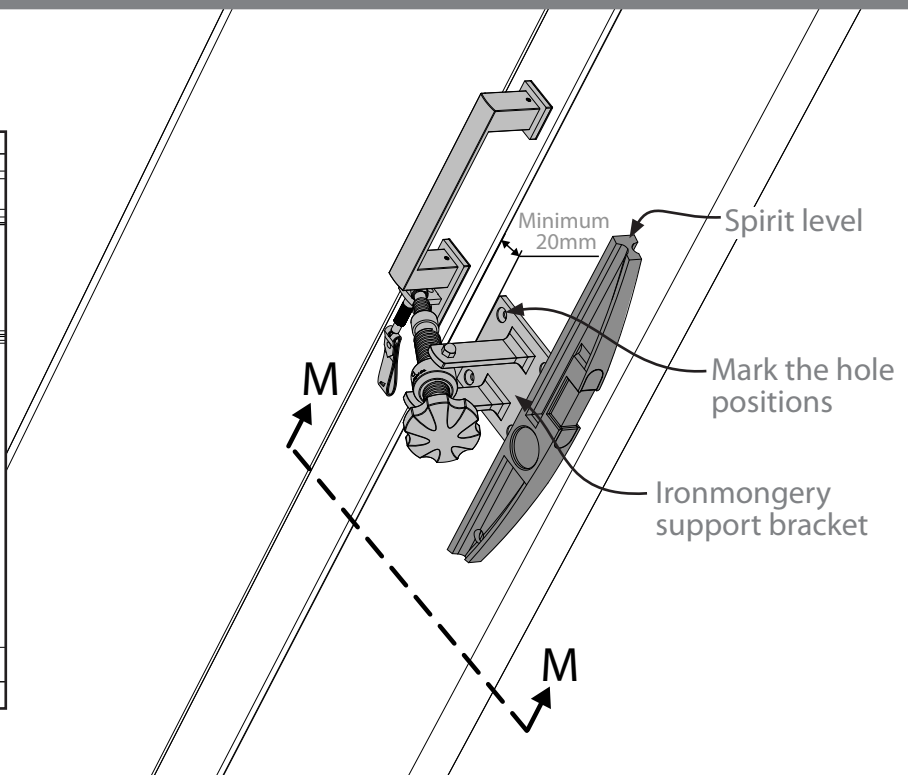
Re-attach the ironmongery to the handle (Part 1) by pulling the plunger back (Part 4). Ensure that the majority of the spindle (Part 3) is wound in.

Position the ironmongery supporting bracket (Part 2). As shown, use a spirit level to ensure it is level. The aim is to position the ironmongery so it provides as much travel as possible. Once you are happy with the position, mark the four holes to be drilled.

### ▼ Position the ironmongery



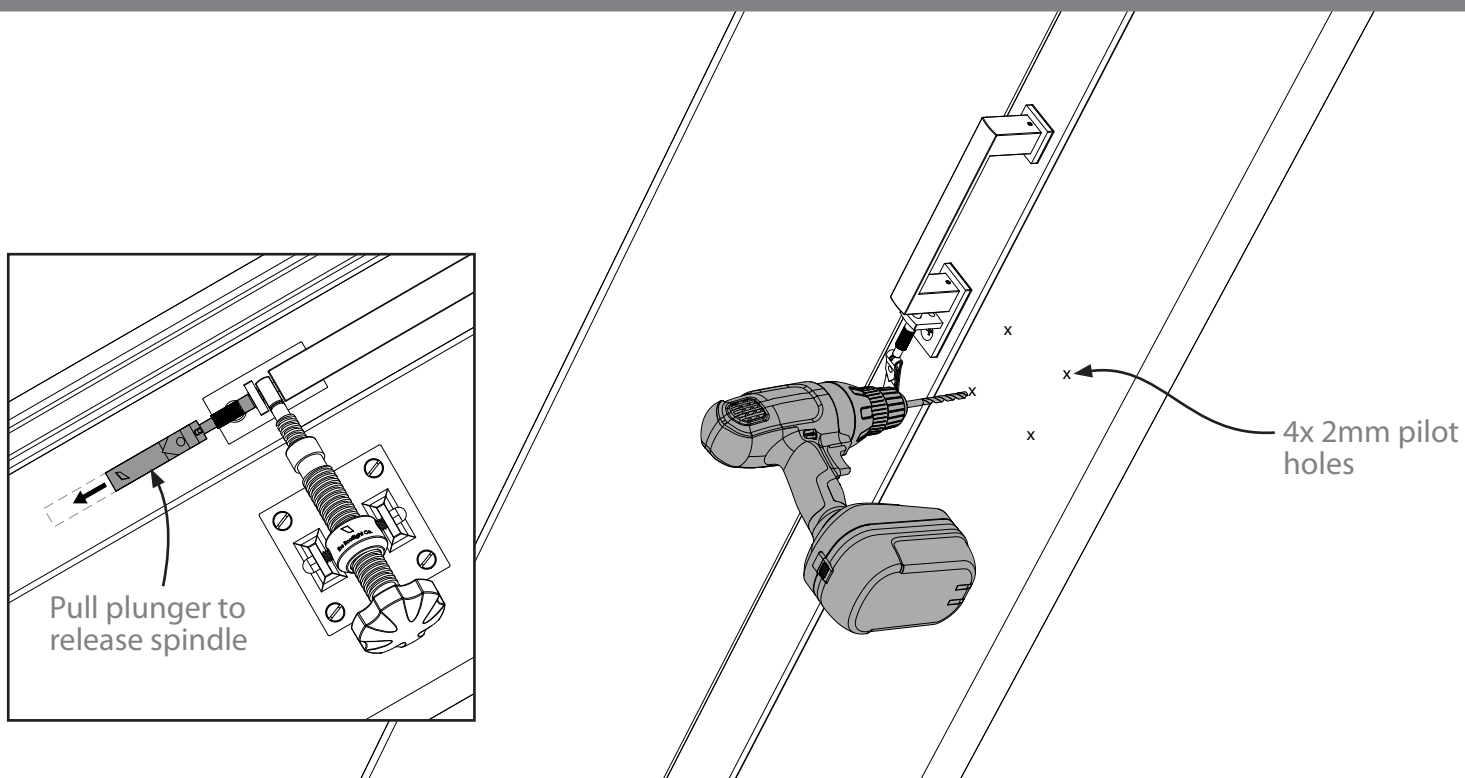
Section M-M



## SECTION 8- Installing the ironmongery

> Pilot holes

> Fix the ironmongery support bracket

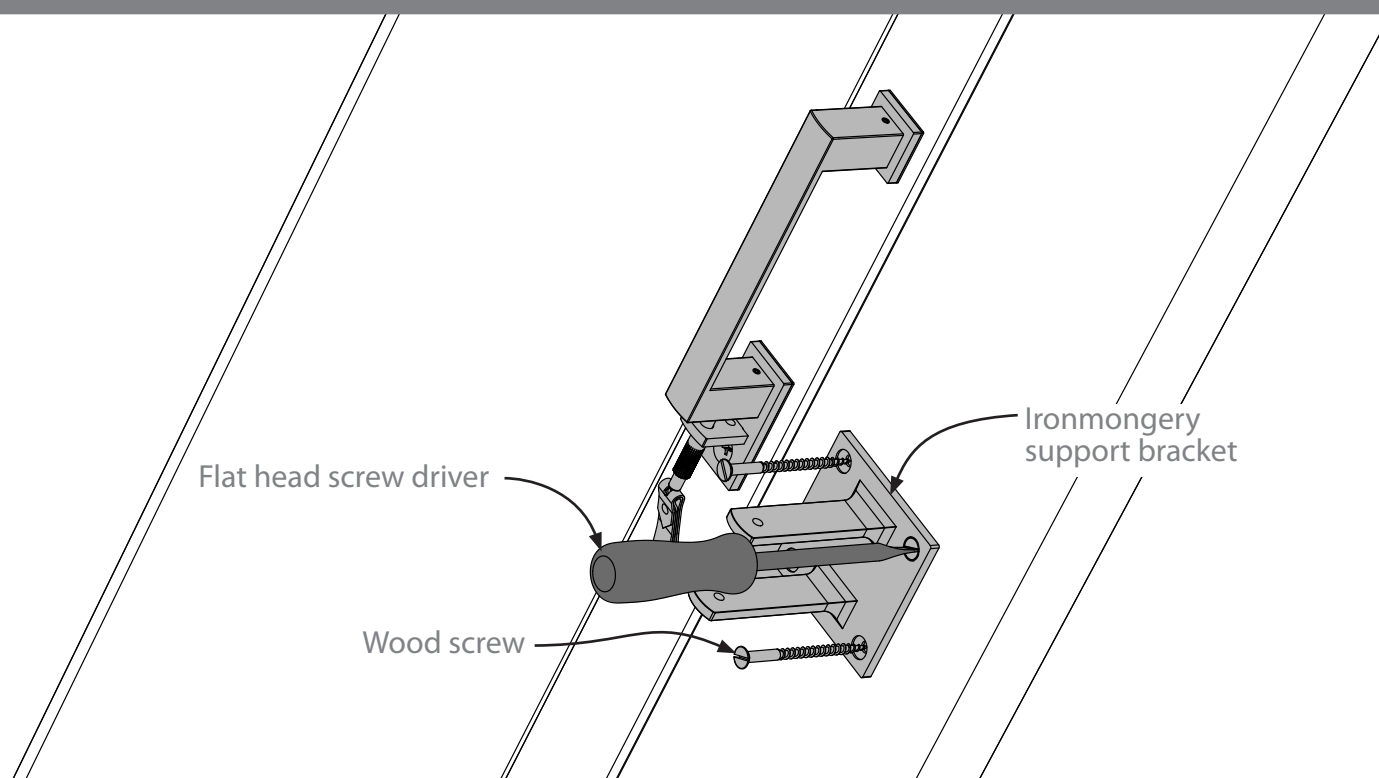


### ▲ Pilot holes

Remove the ironmongery by pulling back the plunger (Part 4) and drill 4 pilot holes using a 2mm drill bit.

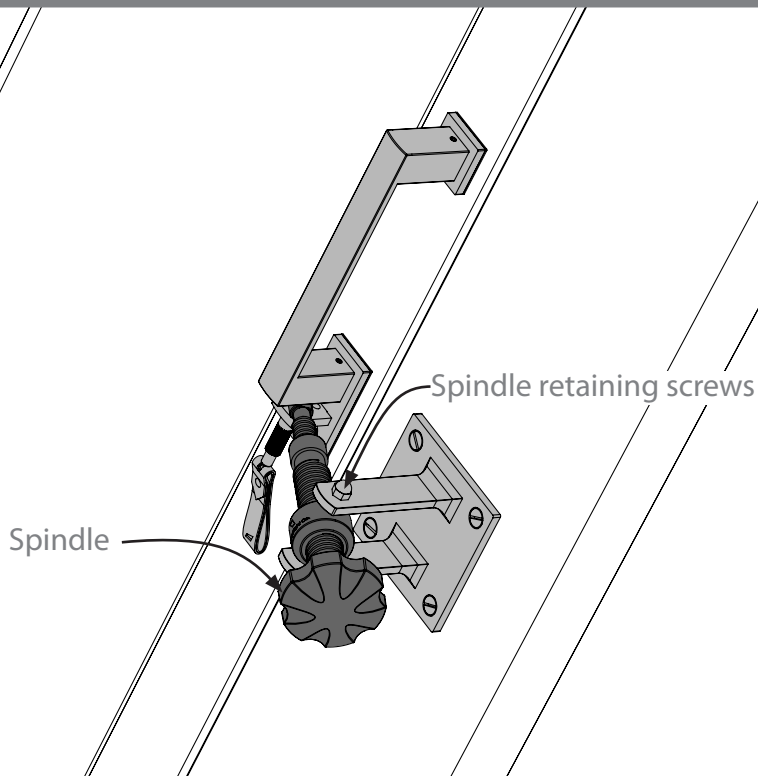
Remove the spindle sub-assembly (Part 3) from the ironmongery support bracket (Part 2) by unscrewing the two spindle retaining screws (Part 5). Fix the bracket in place with the four wood screws (Part 6).

### ▼ Fix the ironmongery support bracket

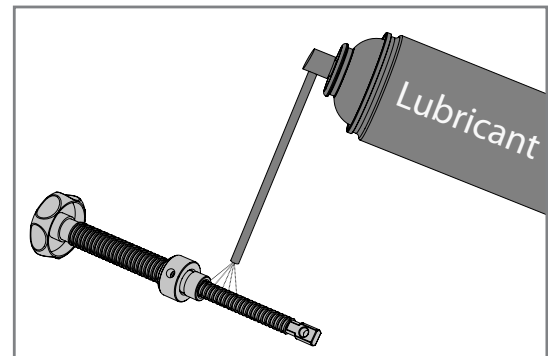


## SECTION 8 - Installing the ironmongery

- > Re-attach the spindle
- > Care & maintenance



**NOTE:** If the spindle is attached to the ironmongery support bracket when lubricating the spindle, ensure the paint work is protected to avoid damaging the finish.

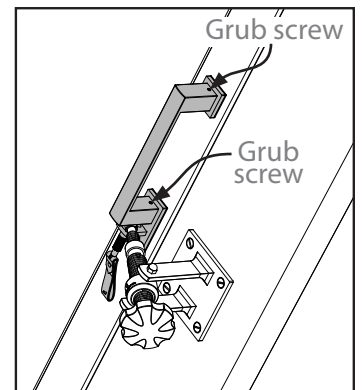
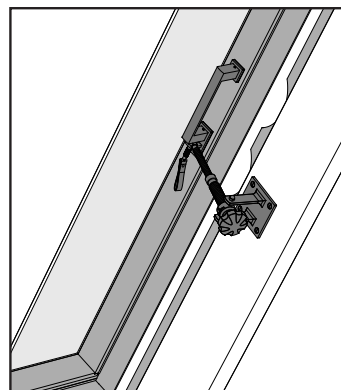
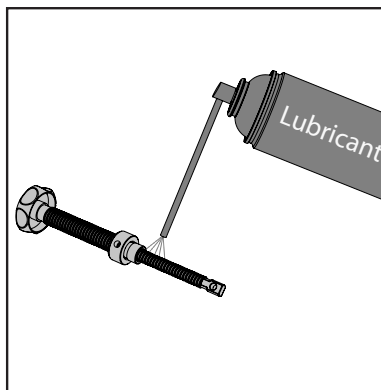
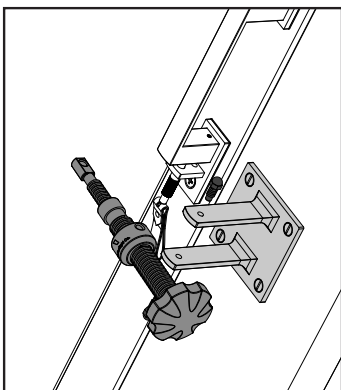


### ▲ Re-attach the spindle

Apply a water-displacing spray (such as WD 40) to the spindle (Part 3a & 3b) to ensure it is lubricated and runs freely. Re-attach the spindle (Part 3) to the ironmongery support bracket (Part 2), using the spindle retaining screws (Part 5). Pull back the plunger (Part 4) to attach the spindle to the handle.

Test the spindle (Part 3) to ensure it runs freely by turning the handle. Ensure the roof window opens level and the fixings are all secure. To achieve the maximum service life from the ironmongery it is important that scheduled care and maintenance is undertaken.

### ▼ Care & maintenance



Disengage the inner spindle (Part 3a) from the handle (Part 1) by pulling back the plunger (Part 4). Remove the spindle from the ironmongery support bracket (Part 2) by unscrewing the retaining screws (Part 5).

Fully unwind the spindle (Part 3). Apply a water-displacing spray (such as WD 40) to the spindle. Fully wind the spindle out to ensure all of the thread is lubricated.

Re-attach the spindle (Part 3) to the ironmongery supporting bracket (Part 2) and handle (Part 1). Test the ironmongery is operating.

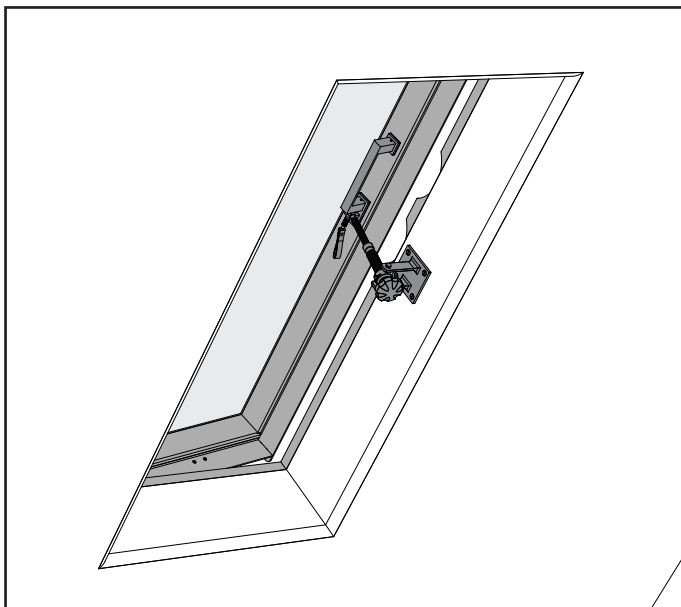
Regularly check the four grub screws (Part 1d) in the handle (Part 1) to ensure that they are secure and have not worked their way loose.

## SECTION 8 - Installing the ironmongery

> Operating guidelines

### > Vent position

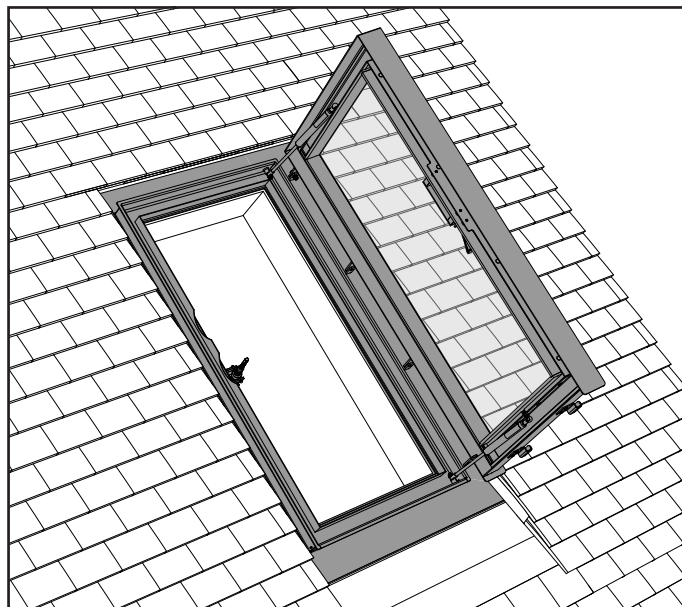
Opening the roof window using the spindle



To open the roof window for ventilation turn the handle and the spindle will push the roof window open

### > Egress & Access

Fully opening the roof window



To open the roof window for egress and access, pull back the plunger to disengage the spindle. The roof window can then be pushed open using the handle.



**NOTE:** The roof window will be aided by gas struts to assist opening and keep the roof window open. The roof window may be relatively heavy to open initially until the gas struts engage. Likewise the roof window may gain momentum on closing, please ensure it is fully supported to avoid slamming it shut.

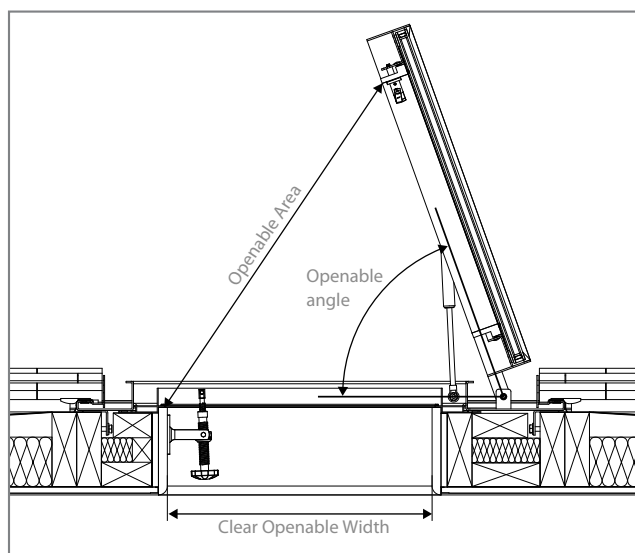
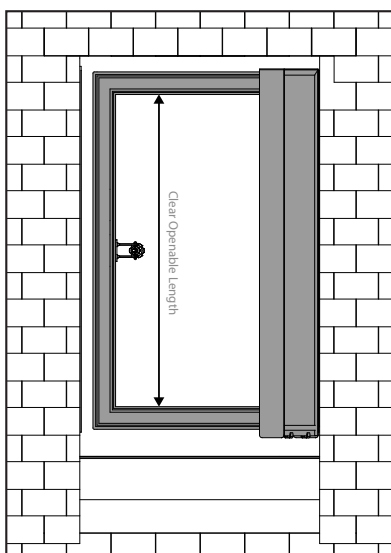


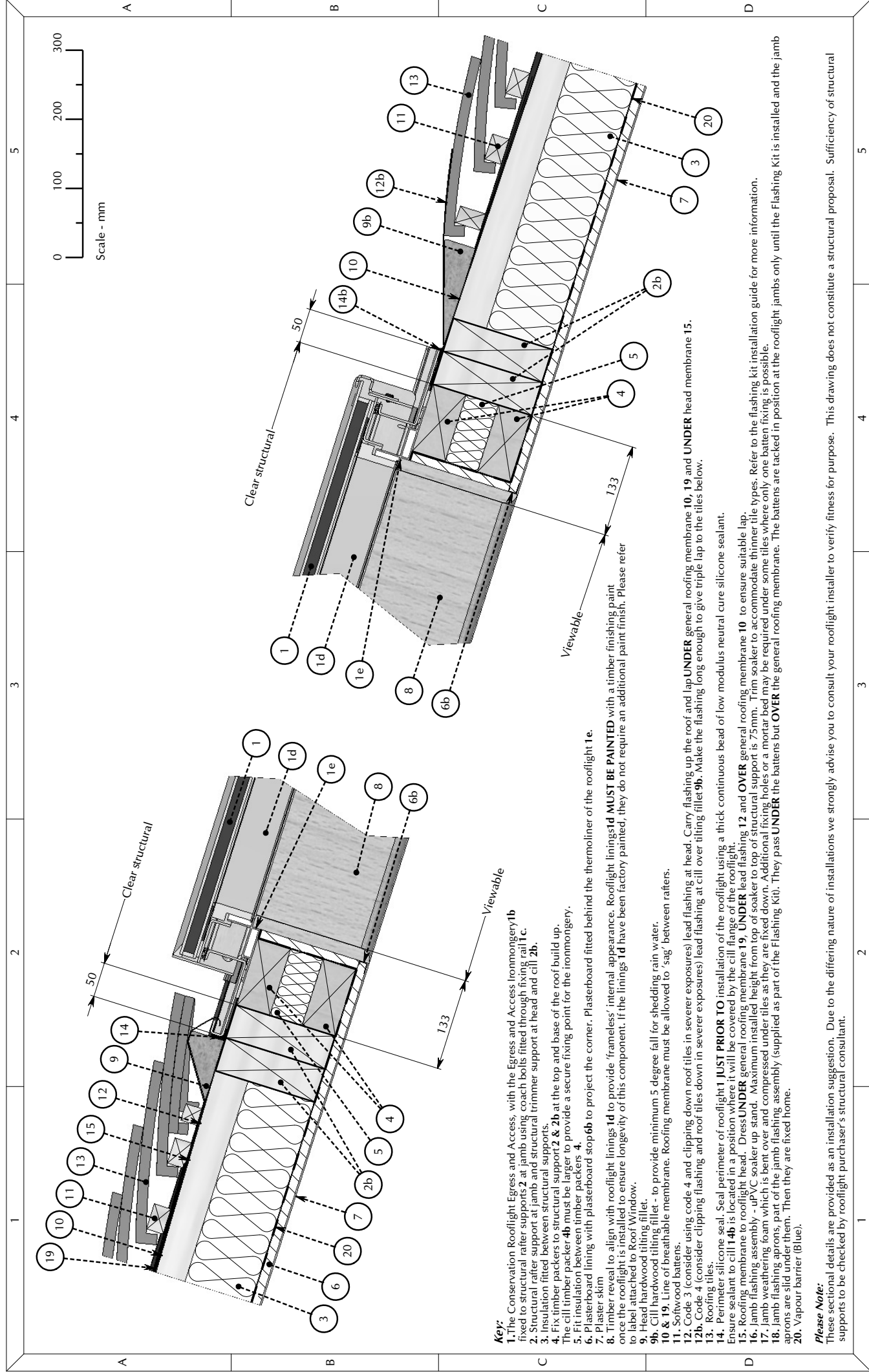
Do NOT leave the casement open during high winds.



Do NOT disengage the spindle from the vent position to prevent 'trap hazard' / damage to the glass.

### > Opening area



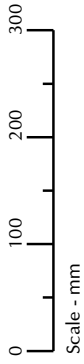


**Key:**

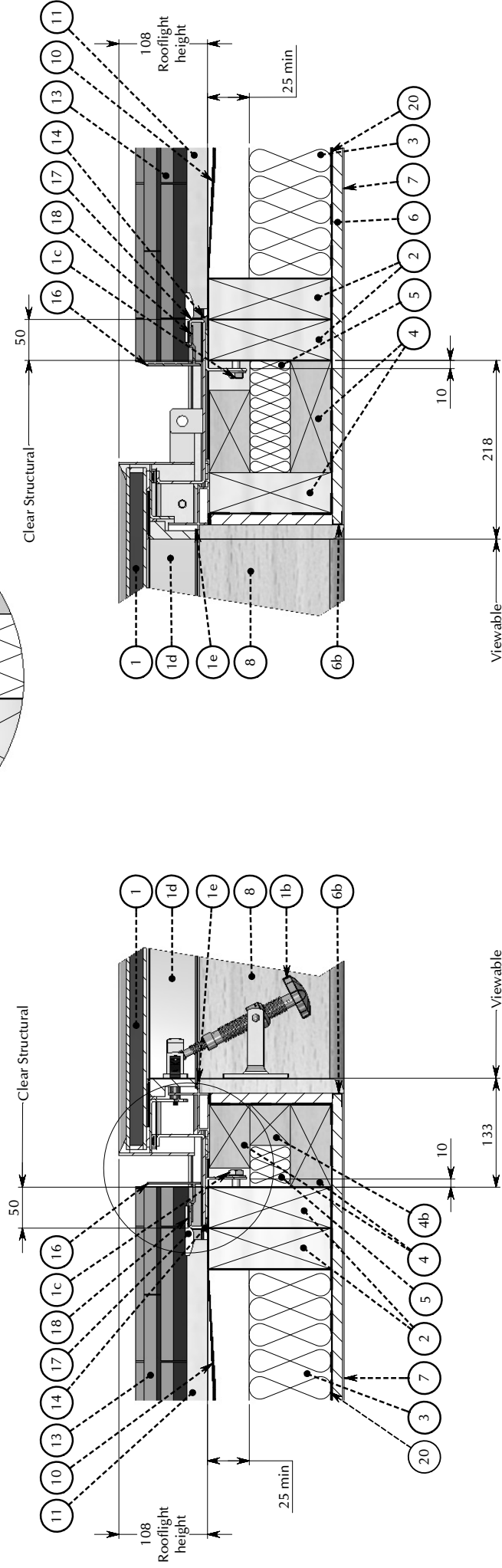
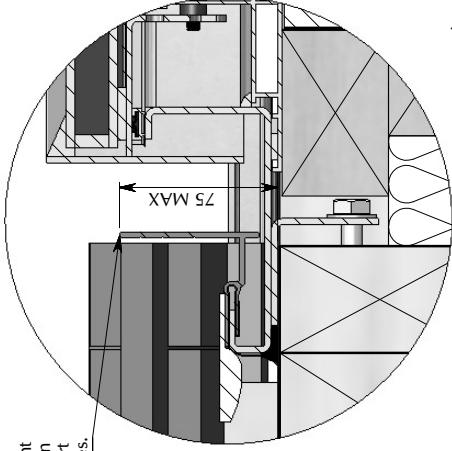
1. The Conservation Rooflight Egress and Access, with the Egress and Access Ironmongery 1b fixed to structural rafter supports 2 at jamb using coach bolts fitted through fixing rail 1c.
2. Structural rafter support at jamb and structural trimmer support at head and cill 2b.
3. Insulation fitted between structural supports.
4. Fix timber packers to structural support 2 & 2b at the top and base of the roof build up.
5. The cill timber packer 4b must be larger to provide a secure fixing point for the ironmongery.
6. Fit insulation between timber packers 4.
7. Plasterboard stop 6b to project the corner. Plasterboard fitted behind the thermoliner of the rooflight 1e.
8. Timber reveal to align with rooflight linings 1d to provide 'frameless' internal appearance. Rooflight linings 1d MUST BE PAINTED with a timber finishing paint once the rooflight is installed to ensure longevity of this component. If the linings 1d have been factory painted, they do not require an additional paint finish. Please refer to label attached to Roof Window.
9. Head hardwood tilting fillet.
10. Cill hardwood tilting fillet - to provide minimum 5 degree fall for shedding rain water.
11. Line of breathable membrane. Roofing membrane must be allowed to 'sag' between rafters.
12. Softwood battens.
13. Code 3 (consider clipping code 4 and clipping down roof tiles in severer exposures) lead flashing at head. Carry flashing up the roof and lap UNDER general roofing membrane 15.
14. Code 4 (consider clipping flashing and roof tiles down in severer exposures) lead flashing at cill over tilting fillet 9b. Make the flashing long enough to give triple lap to the tiles below.
15. Roofing tiles.
16. Perimeter silicone seal. Seal perimeter of rooflight 1 JUST PRIOR TO installation of the rooflight using a thick continuous bead of low modulus neutral cure silicone sealant. Ensure sealant to cill 14b is located in a position where it will be covered by the cill flange of the rooflight.
17. Roofing membrane to rooflight head. Dress UNDER general roofing membrane 19, UNDER lead flashing 12 and OVER general roofing membrane 10 to ensure suitable lap.
18. Jamb flashing assembly - uPVC soaker up stand. Maximum installed height from top of soaker to top of structural support is 75mm. Tim soaker to accommodate thinner tile types. Refer to the flashing kit installation guide for more information.
19. Jamb weathering foam which is bent over and compressed under tiles as they are fixed down. Additional fixing holes or a mortar bed may be required under some tiles where only one batten fixing is possible.
20. Jamb flashing aprons, part of the jamb flashing assembly (supplied as part of the Flashing Kit). They pass UNDER the battens but OVER the general roofing membrane. The battens are tacked in position at the rooflight jambs only until the Flashing Kit is installed and the jamb aprons are slid under them. Then they are fixed home.
20. Vapour barrier (blue).

**Please Note:**  
 These sectional details are provided as an installation suggestion. Due to the differing nature of installations we strongly advise you to consult your rooflight installer to verify fitness for purpose. This drawing does not constitute a structural proposal. Sufficiency of structural supports to be checked by rooflight purchaser's structural consultant.

<p><b>TITLE:</b></p> <p><b>The Conservation Rooflight Egress and Access</b></p> <p>&gt; A roof window range suitable for pitched roofs between 17.5° and 65°</p> <p>&gt; Detail applicable ONLY to rooflight models with integral casement timber linings</p> <p><b>Cold Roof   Clay Tile   Flashing Kit</b></p> <p><b>'On the rafter' installation detail</b></p>	<p>DWG NO.: EACR_CRCS_FK_B</p> <p>SHEET NO.: 1 OF 2</p> <p>SCALE: 1:5 @ A3</p> <p>DO NOT SCALE</p> <p>DATE: 09/01/2014</p> <p>This is a suggested installation detail which may not be exactly applicable to all situations and constructions. It is not a detailed construction proposal. Installers and designers are advised to check their own details for compliance with all currently applicable Local Authority by-laws, Acts of Parliament and British / ISO standards.</p>	<p>REVISION:</p> <p><b>B</b></p> <p>Insulation added between Timber packers.</p>	<p>DB: EH</p> <p>CR: PD</p>	<p>All information contained within this drawing is for design purposes only and is the property of the Rooflight Company. The intellectual property rights of the products detailed within this drawing and the models are owned by the Rooflight Company.</p> <p><b>the Rooflight Company</b></p> <p><i>The Professionals' Choice</i></p> <p>w: www.therooflightcompany.co.uk</p> <p>t: 01993 833 108</p> <p>e: info@therooflightcompany.co.uk</p>
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Maximum installed height from top of soaker extrusion to top of structural support is 75mm for ALL tile types.



TITLE:

**The Conservation Rooflight Egress and Access**  
 > A roof window range suitable for pitched roofs between 17.5° and 65°  
 > Detail applicable ONLY to rooflight models with integral casement timber linings  
**Cold Roof | Clay Tile | Flashing Kit**  
**'On the rafter' installation detail**

DWG NO. : EACR\_CRCS\_FK\_B

SHEET NO. :

2 OF 2

SCALE: 1:50 @ A3

DO NOT SCALE

DATE:

09/01/2014

This is a suggested installation detail which may not be exactly applicable to all situations and constructors. It is not a detailed or constructional proposal. Installers and designers are advised to check their own details for compliance with all currently applicable Local Authority by-laws, Acts of Parliament and British / ISO standards.

REVISION:

**B**

Insulation added between Timber packers.

DB:EH CB:PD

**the Rooflight Company**  
*The Professionals' Choice*  
 www.therooflightcompany.co.uk  
 t: 01993 833 108  
 e: info@therooflightcompany.co.uk

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## SECTION 10 - Important Information

- > Care & maintenance
- > Conformity
- > Advisory

### CARE & MAINTENANCE



To achieve the maximum service life from the Conservation Rooflight Egress and Access it is important that scheduled care and maintenance is undertaken. Please note that the guarantee may become void if the procedures outlined in the separate maintenance manual are not adhered to. Refer to separate **TECHNICAL SPECIFICATION AND MAINTENANCE DETAILS FOR METAL FRAMED ROOF WINDOWS**

### CONFORMITY



Refer to separate **DECLARATION OF PERFORMANCE DOCUMENTATION**



**EN 14351-1 : 2006+A1: 2010**

### ADVISORY



**Standard roof window:** All the information provided in this document refers to a standard specification the Conservation Rooflight Egress and Access.



**Install in accordance with national building regulations/codes.** This manual is an installation suggestion and installers should verify 'fitness for purpose' in accordance with all applicable regulations/ standards at time of installation.



**Install in accordance with this manual:** The Rooflight Company cannot accept any liability if the Conservation Rooflight Egress and Access is not installed strictly in accordance with the instructions contained in this manual and implicit in the 'Suggested Installation Details'.



**Structural support:** Structural supports for the Conservation Rooflight Egress and Access are to be designed and supervised during construction by the roof window installer or project Structural Engineer. Nothing in this manual constitutes a structural proposal. Sizing/positioning of structural supports should be determined by the projects suitably qualified structural engineer.

## SECTION 10 - Important Information

> Roof window weight and opening angle

> Further Information

### ROOF WINDOW WEIGHTS

When handling and installing the Conservation Rooflight Egress and Access its weight should be considered and adequate means employed to move the roof window into position to reduce the risk of accidents.

MODEL REFERENCE NUMBER	APPROXIMATE CASEMENT WEIGHT (KG)	APPROXIMATE BASEPLATE WEIGHT (KG)	OVERALL ROOF WINDOW WEIGHT (KG)	VIEWABLE WIDTH	VIEWABLE LENGTH
CR - E1LG	33	25	58	537	848
CR - E2LG	42	34	76	537	1153
CR - E1RG	33	25	58	537	848
CR - E2RG	42	34	76	537	1153

### PRODUCT IDENTIFICATION DETAILS

Place identification sticker here or fill in the following details.

Serial number: \_\_\_\_\_

Model Number: \_\_\_\_\_

Date of manufacture: \_\_/\_\_/\_\_\_\_

### FURTHER INFORMATION

All of the images in this guide are diagrammatic (with some components omitted for clarity). They should be used as a reference and may not be a true representation of the installation.

Installation instructions are regularly reviewed and we reserve the right to update or amend these details without alteration to this guide.

July 2013







# the Rooflight Company

*The Professionals' Choice*



Designed in the U.K

Assembled in the U.K.

Wychwood Business Centre

Milton Road

Shipton-under-Wychwood

OX7 6XU

Tel: 01993 833108

Fax: 01993 831066



Email: [info@therooflightcompany.co.uk](mailto:info@therooflightcompany.co.uk)

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



EN 14351-1 2006+A1 : 2010



BS EN 1279-2  
BS EN 1279-3



Assessed to ISO 9001  
LPCB ref. no. 929



RECYCLE



INVESTOR IN PEOPLE

In the interest of continuous product development, it may be necessary to amend specification without alteration to technical literature.  
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