

Roof Window Details

Date: 08.09.23

Ref: 22/03930/FUL & 22/03931/LBC

Project:

demolition and replacement of single-storey rear kitchen extension; erection of a new timber framed front porch; removal of modern side porch; refurbishment works to include installation of replacement windows, re-rendering and mortar repairs. erection of at 8 Hopton Castle, Craven Arms, Shropshire

Content:

Proposed Roof Windows

The Conservation Rooflight



Why specify the Conservation Rooflight?

The Conservation Rooflight has been continually specified by architects for over 25 years. Architects specify this range because:

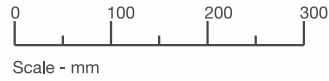
- It meets modern building standards including Conservation, English Heritage and the National Trust
- Our founder, and architect, Peter King designed it. The Conservation Rooflight is the original and still the most authentic design available
- With 15 standard sizes and a made to measure service, we will always have a size to fit your project. This means you can preserve the integrity of any historic building and avoid cutting existing rafters. You can also create practically unlimited arrays
- The linings on the inside go right up to the glass, giving a clean internal finish

For more technical information visit www.therooflightcompany.co.uk/all-products/conservation/
or call 01993 833155

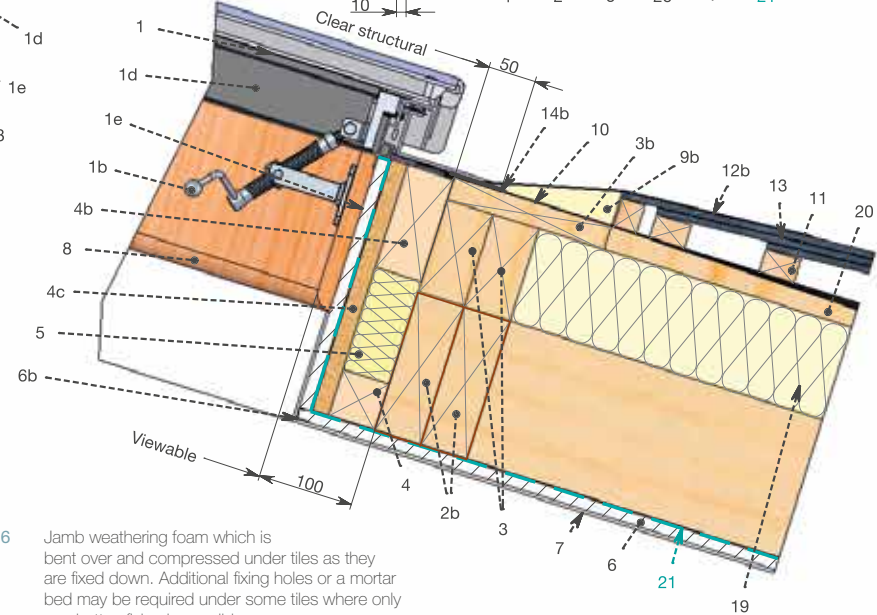
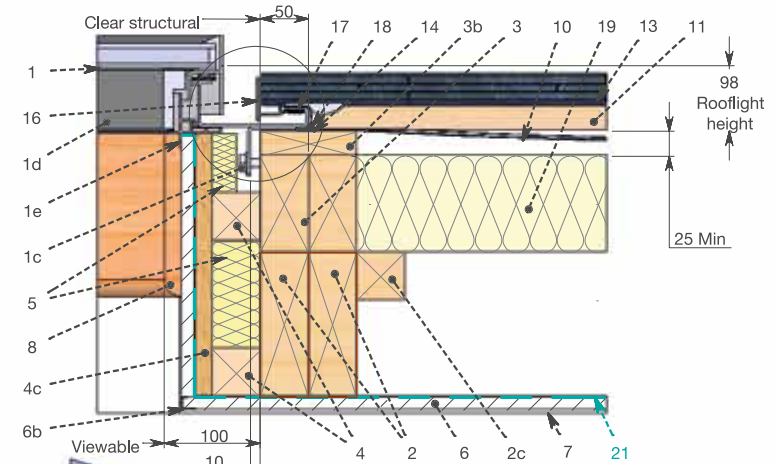
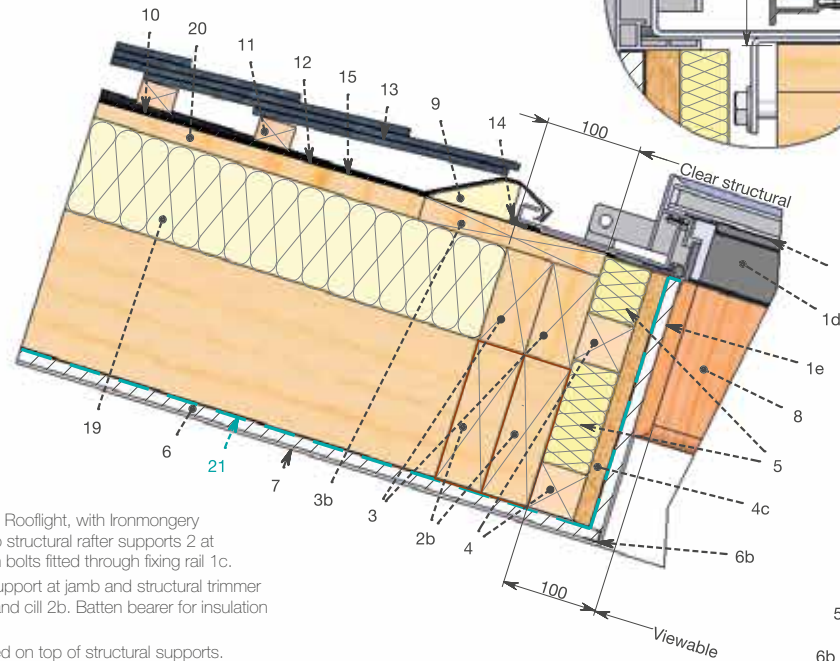
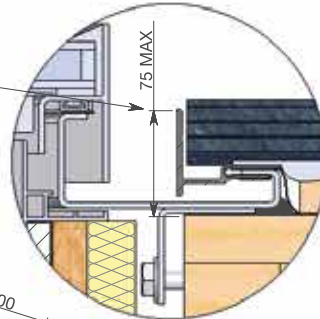
Suitable for pitched roofs between 17.5° and 65°



The Conservation Rooflight



Maximum installed height from top of soaker extrusion to top of structural support is 75mm for ALL tile types.



Key:

- 1 The Conservation Rooflight, with Ironmongery Option 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. Batten bearer for insulation 2c.
- 3&3b Timber bearer fixed on top of structural supports. Adjust height to create a flush installation with the roof tiles.
- 4 Fix timber packers to structural support 2&2b at the top and the base of the roof build up. The cill timber packer 4b at the top of the roof build up should be larger to provide a secure fixing point for the ironmongery. Fix 18mm ply packer to the timber packers.
- 5 Insulation fitted between timber packers 4.
- 6 Plasterboard lining with plasterboard stop 6b to project the corner. Plasterboard fitted behind the thermoliner 1e.
- 7 Plaster skim
- 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 frame.
- 9 Head hardwood tilting fillet.
- 9b Cill hardwood tilting fillet - to provide minimum 5 degree fall for shedding rain water.

- 10 Line of breathable membrane. Roof membrane must be allowed to 'sag' between rafters.
- 11 Softwood battens.
- 12 Code 3 (consider using 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 10 and UNDER head membrane 15.
- 12b 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.
- 13 Roofing tiles.
- 14 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.
- 15 Roofing membrane to rooflight head. Dress UNDER general roofing membrane.

- 16 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.
- 17 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.
- 18 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.

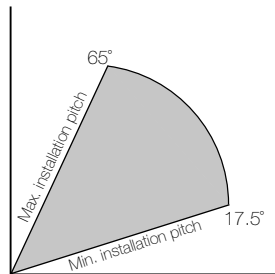
- 19 Insulation fitted on top of structural supports.
- 20 Counter batten.
- 21 Vapour barrier (Blue)

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.

The Conservation Rooflight Sizes



Pitch Guide



www.therooflightcompany.co.uk/all-products/conservation/



<p>Structural dimensions (W) 412mm x (L) 520mm</p> <p>Viewable dimensions (W) 212mm x (L) 320mm CR06-1</p>	<p>Structural dimensions (W) 463mm x (L) 622mm</p> <p>Viewable dimensions (W) 263mm x (L) 422mm CR07-2</p>	<p>Structural dimensions (W) 565mm x (L) 725mm</p> <p>Viewable dimensions (W) 365mm x (L) 525mm CR01-2</p>	<p>Structural dimensions (W) 565mm x (L) 1028mm</p> <p>Viewable dimensions (W) 365mm x (L) 828mm CR03-2</p>
<p>Structural dimensions (W) 615mm x (L) 875mm</p> <p>Viewable dimensions (W) 415mm x (L) 675mm CR08-2</p>	<p>Structural dimensions (W) 717mm x (L) 1028mm</p> <p>Viewable dimensions (W) 517mm x (L) 828mm CR09-2</p>	<p>Structural dimensions (W) 717mm x (L) 1180mm</p> <p>Viewable dimensions (W) 517mm x (L) 980mm CR10-2</p>	<p>Structural dimensions (W) 717mm x (L) 1333mm</p> <p>Viewable dimensions (W) 517mm x (L) 1133mm CR14-2</p>
<p>Structural dimensions (W) 717mm x (L) 1635mm</p> <p>Viewable dimensions (W) 517mm x (L) 1435mm CR15-2</p>	<p>Structural dimensions (W) 1021mm x (L) 725mm</p> <p>Viewable dimensions (W) 821mm x (L) 525mm CR01-3</p>	<p>Structural dimensions (W) 869mm x (L) 1028mm</p> <p>Viewable dimensions (W) 669mm x (L) 828mm CR11-3</p>	<p>Structural dimensions (W) 1021mm x (L) 1180mm</p> <p>Viewable dimensions (W) 821mm x (L) 980mm CR13-3</p>
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Please see sections opposite for viewable and structural dimensions.



Egress Conservation Rooflights®