

Velux Roof Light Installation Instructions,

(Using Velux EDW type flashing & 50mm x 38mm or 50mm x 50mm tile battens)

The details shown below must be read in conjunction with Velux design and installation instructions. For tile installation details further reference should also be made to Decra Roof Systems technical literature.

Installation instructions illustrate the correct interface between the Decra Classic Tiles, Velux GGL, GGL rooflights and Velux EDW type flashings. Where Decra Stratos Tiles, Decra Oberon Tiles, Decra Plus Tiles and Parctiles are specified for use, all of the principles shown below still apply. Design and installation must ensure that ventilation of roofspace requirements are adhered to.

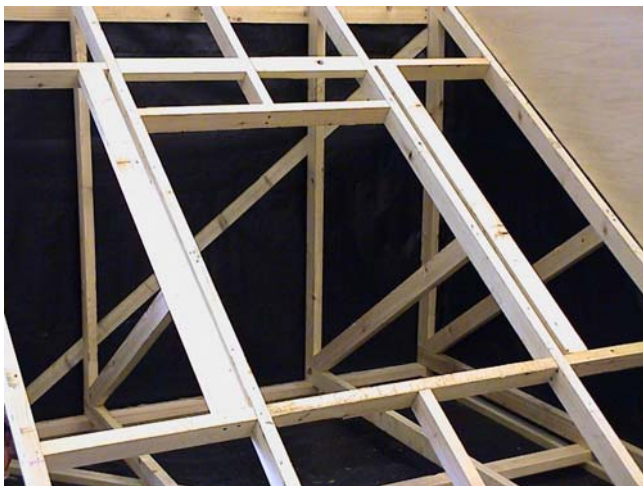


Figure (a)

Prepare roof structure for installation of roof light. Add timber noggins of suitable section where necessary (see figure a).



Figure (b)

Install roof tile underlay (see figure b), tile battens and timber bearer batten support for Velux rooflight (see figure c). The correct choice of batten sizes can be found in table 1.

Table 1, Recommended Timber Tile Batten Sizes			
Rafter or Truss Spacing	Tile Profile	Tile Batten Size	Rooflight Bearer Batten Size
Up to 600mm centres	Decra Stratos	50mm x 38mm	50mm x 18mm
Greater than 600mm but not exceeding 1200mm centres	Decra Classic Tile, Decra Oberon Tile, Decra Plus Tile, Decra Stratos, Parctile	50mm x 50mm	50mm x 30mm

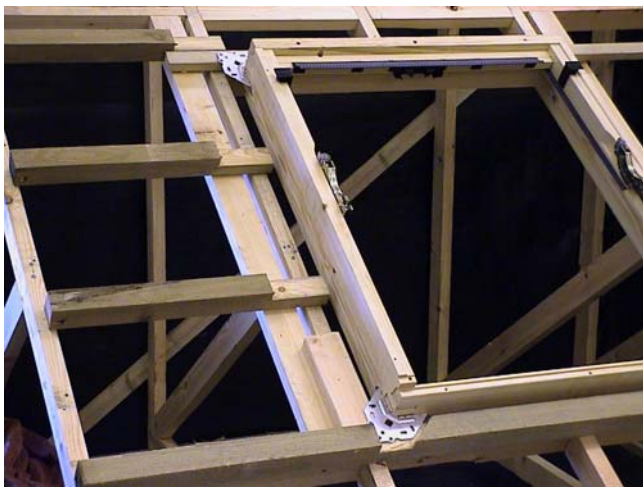


Figure (c) Roof tile underlay omitted for clarity

If the position of the bearer batten support for Velux rooflight obstructs the tile batten, use tile batten as a rooflight bearer batten. Recess Velux rooflight fixing bracket into tile batten by cutting a 20mm deep notch into tile batten where rooflight fixing bracket intersects tile batten (see figure e)

At sides of rooflight cut tile battens leaving a 20mm gap between edge of tile batten and roof light. Cut notch in tile battens 100mm wide x 20mm deep (see figures c & d).

To improve weathertightness of rooflight an optional Velux BFX collar, as recommended by Velux, can be installed over the tile battens as per Velux instructions (BFX collar omitted from following photograph for reasons of illustrative clarity)



Figure (d) Roof tile underlay omitted for clarity



Figure (e) Roof tile underlay omitted for clarity

Install Velux EDW front apron flashing as per Velux installation manual (see figure f), taking care to dress malleable flashing neatly into profile of Decra Tile (see figure i). To improve fit of front apron flashing, flatten raised crowns of tile profile where the raised crowns overlap tile batten prior to installing front apron.

If the position of the Velux rooflight necessitates the use of a short course of tiles under the Velux front apron, Cut Decra tiles around front edge of rooflight to appropriate length using tin snips. Prior to installation of cut tile install suitable size timber packing piece to act as a support to head of cut tile, this packing piece should of a depth sufficient to ensure line of tile does not stand proud off or dip below existing sight line of adjoining Decra tiles.

Install Velux EDW side and back gutter flashing as per Velux installation manual (see figures g & h).



Figure (f)



Figure (g)



Figure (h)

Roof tile underlay omitted for clarity on figures f & g.



Figure (i)

Tiles adjacent Velux side flashing to be cut and bent to form a 20mm downturn, using a guillotine and bender (available from Decra). Tiles adjacent to Velux side flashings should oversail tile battens and gap between the edge of the tile and the roof light should not be less than 30mm (see figures i, j & k).

Flare edge of nose of Decra tile outwards to form neat outlet to Velux side flashing gutter (see figure k).



Figure (j)

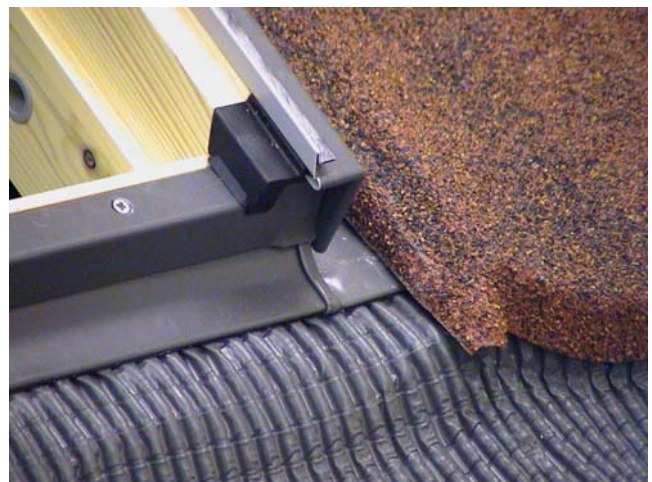


Figure (k)



Figure (l)

Install eaves batten directly behind Velux EDW back gutter flashing. The bottom course of Decra tiles to be secured with four Decra fixing nails driven vertically, close to the high point of the tile profile into the eaves batten. These nail heads to be sealed, using Decra finishing kit.

Tiles adjacent to Velux back gutter flashing should oversail eaves battens and gap between the edge of the tile and the roof light should not be less than 60mm and not greater than 150mm (see figure i & l).

If the position of the rooflight dictates a short course of tiles, cut tiles adjacent Velux back gutter flashing and bend to form a 25mm downturn, using a guillotine and bender (available from Decra).



Finished Rooflight

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