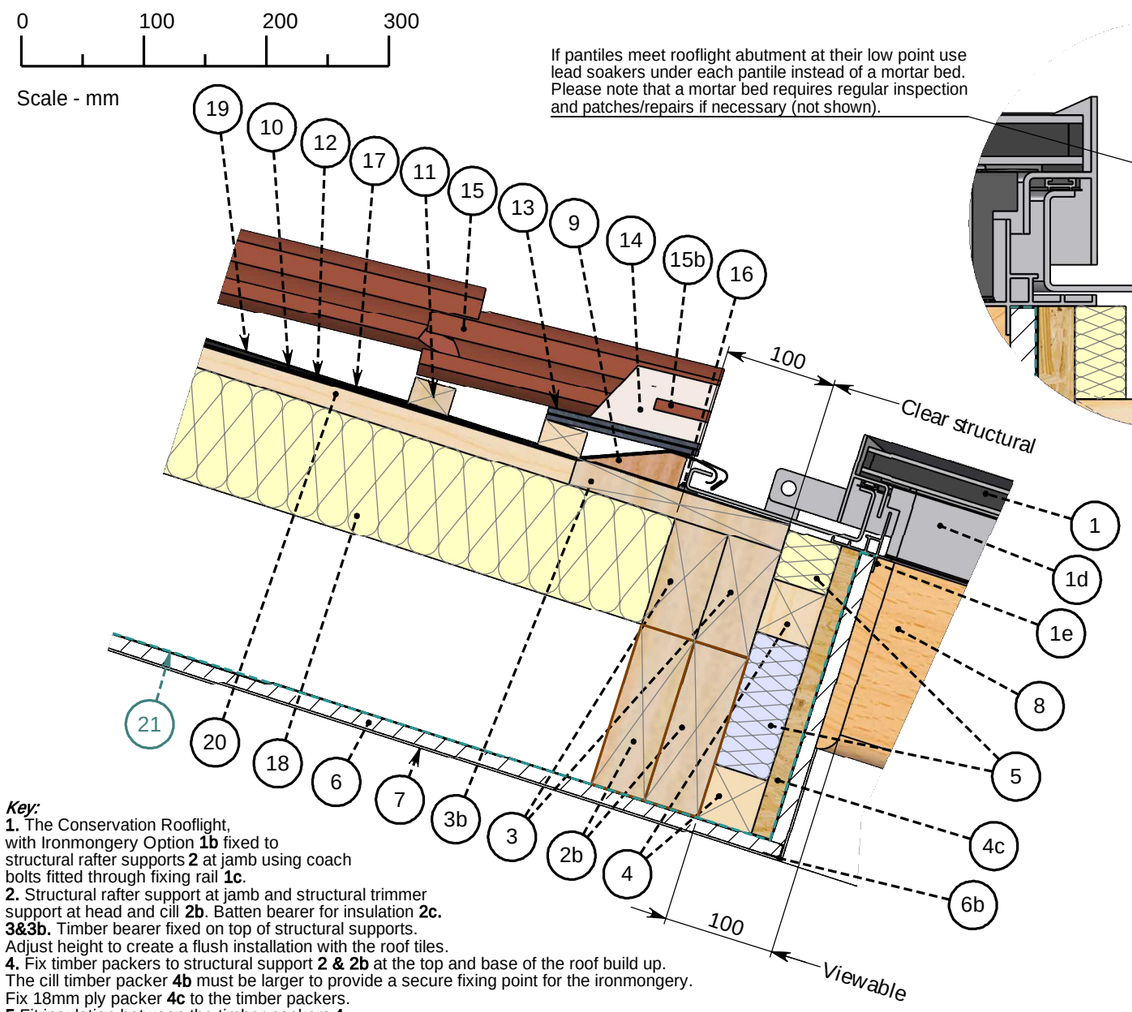

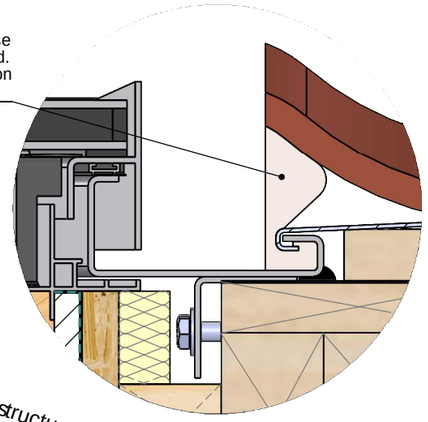

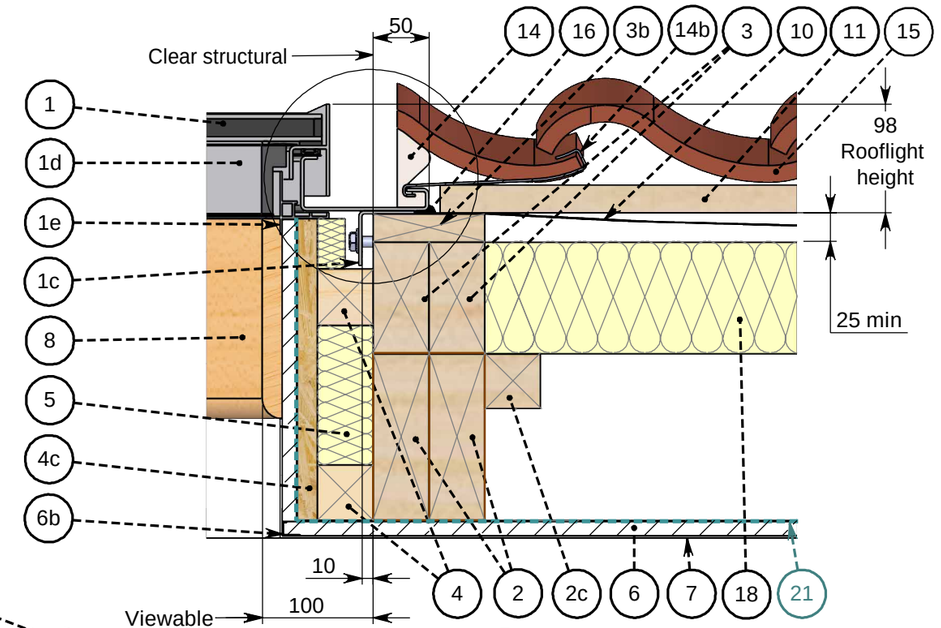

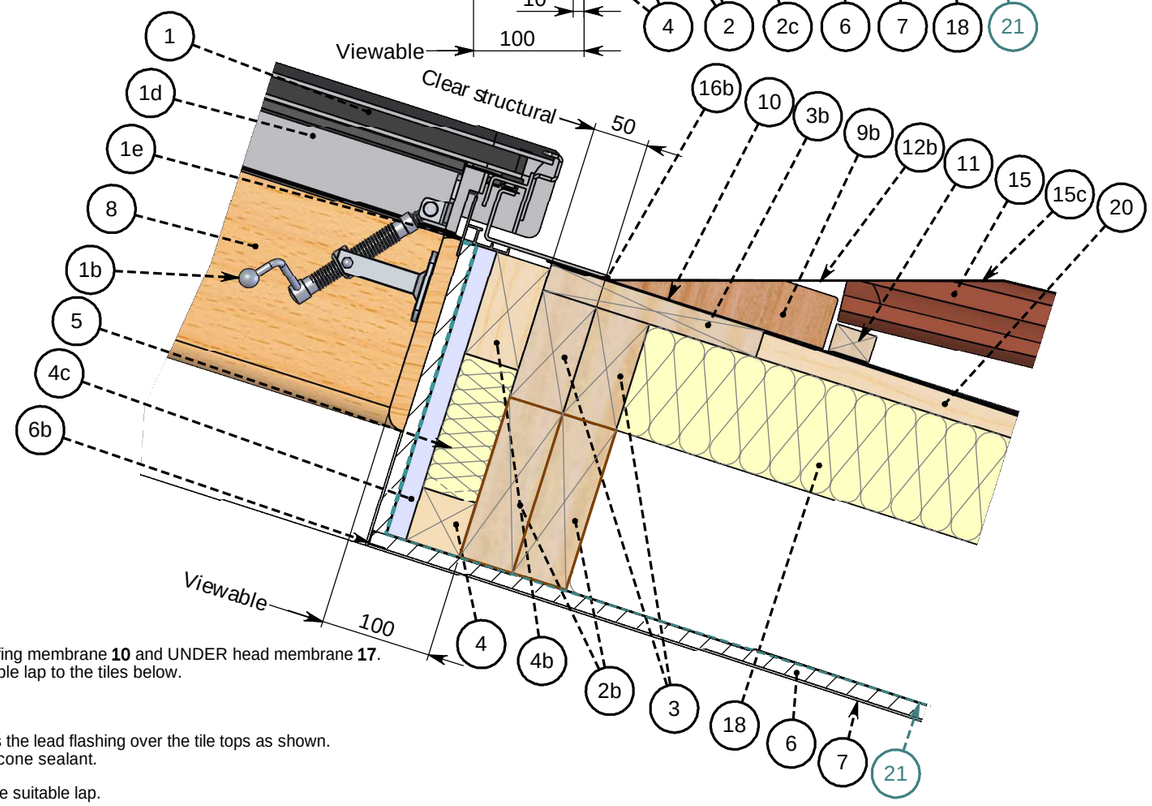

Key:

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 base of the roof build up. The cill timber packer **4b** must be larger to provide a secure fixing point for the ironmongery. Fix 18mm ply packer **4c** to the timber packers.
5.Fit insulation between the timber packers **4**.
6.Plasterboard lining with plasterboard stop **6b** to project the corner. Plasterboard fitted behind the thermoliner of the rooflight **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.
9.Head hardwood tilting fillet.
9b. Cill hardwood tilting fillet - to provide minimum 5 degree fall for shedding rain water.
10&19. Line of breathable membrane.Roofing membrane must be allowed to 'sag'between rafters. Wrap around batten ends where mortar bedding is used.
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 **17**.
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.Double shortened slate undercoak course. At rooflight head only gives base for mortar bedding for pantiles.
14.Mortar bedding. Pantiles are cut and set to a mortar bed as shown.
14b. Line of lead soaker if required.
15.Roofing tiles. Tile inserts**15b** reduce amount of visible mortar and give decorative effect. The tops of the pantiles are shown trimmed to an angle here **15c**. Boss the lead flashing over the tile tops as shown.
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 **16b** 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. 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 astructural proposal. Sufficiency of structural supports to be checked by rooflight purchaser's structural consultant.

TITLE :

The Original Conservation Rooflight ®

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

Warm Roof | Pantile | Mortar Bedding 'On the rafter' installation detail

DWG NO. : CR_WRPS_MB_B	SHEET NO. : 1 OF 1	REVISION: B	Updates to formatting. DB: EH CB: PD
SCALE : 1:5 @ A3	DATE : 19/07/2023		

This is a suggested installation detail which may not be exactly applicable to all situations and constructions. 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.

THE ROOFLIGHT CO. COTSWOLDS

w: www.therooflightco.com

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