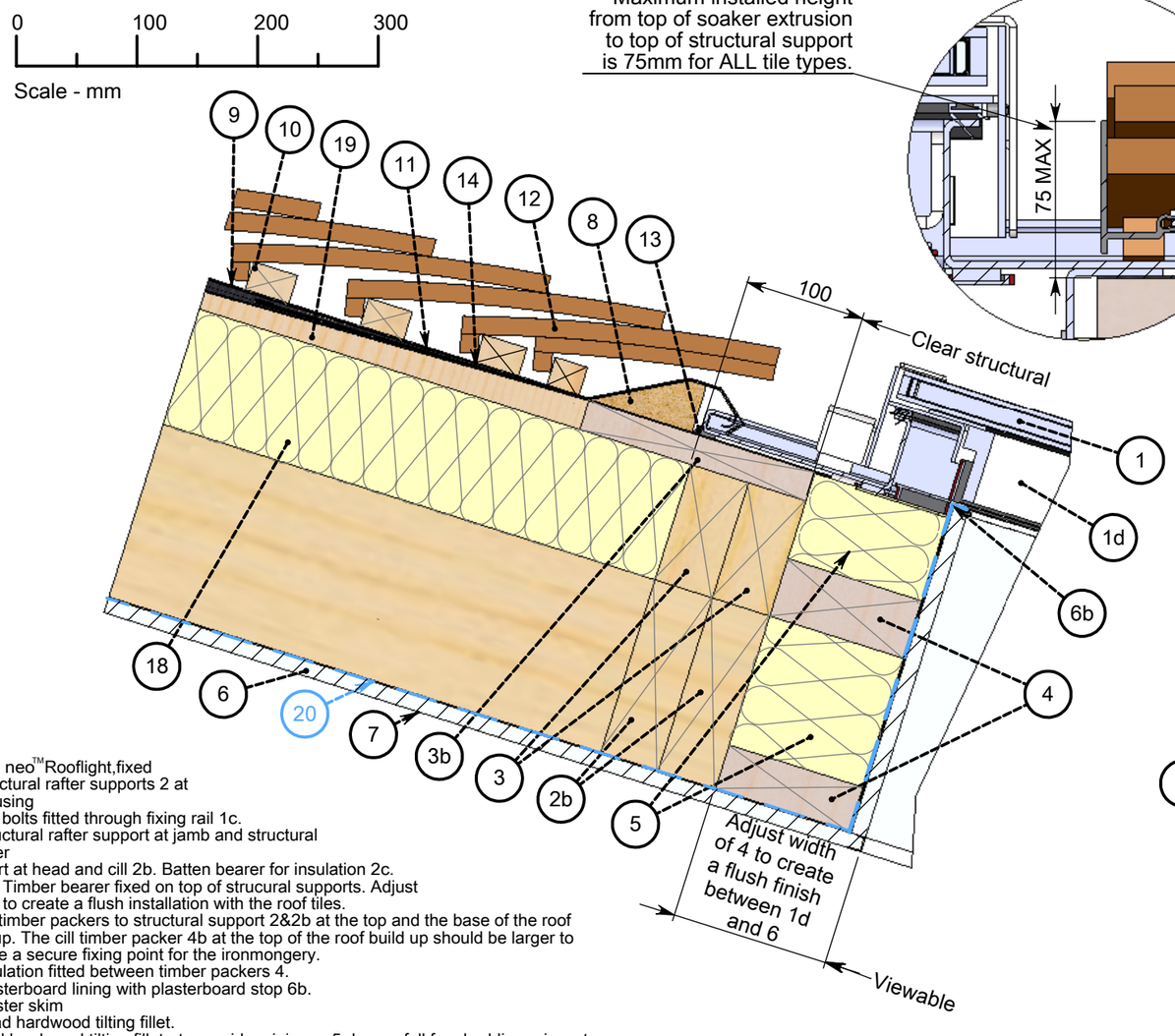


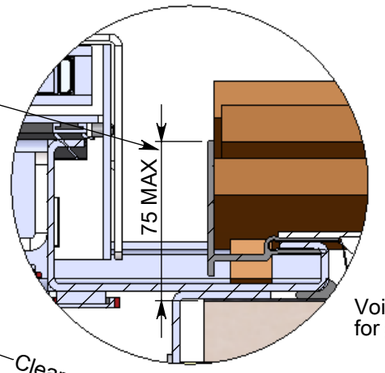


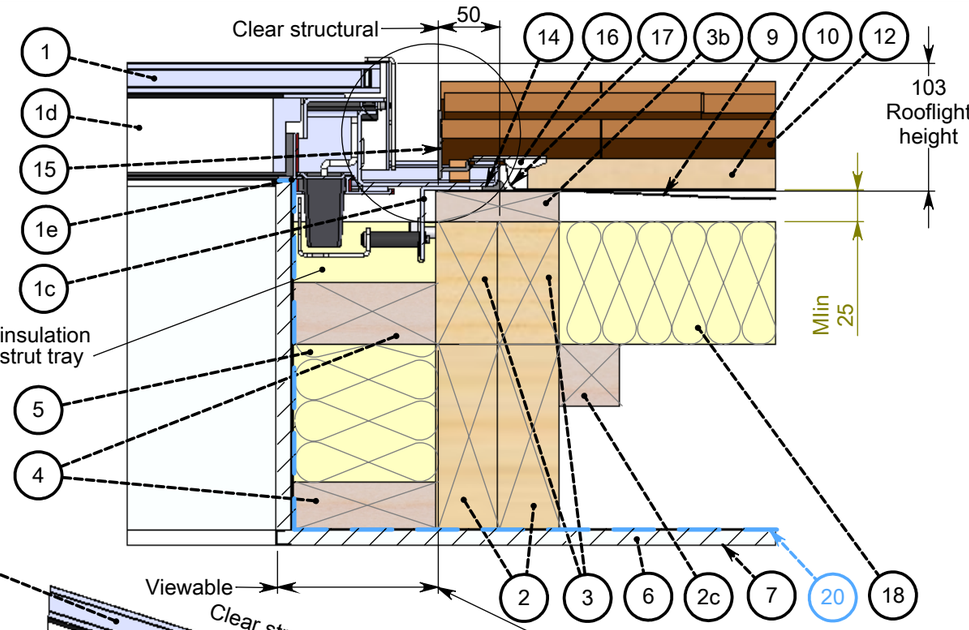


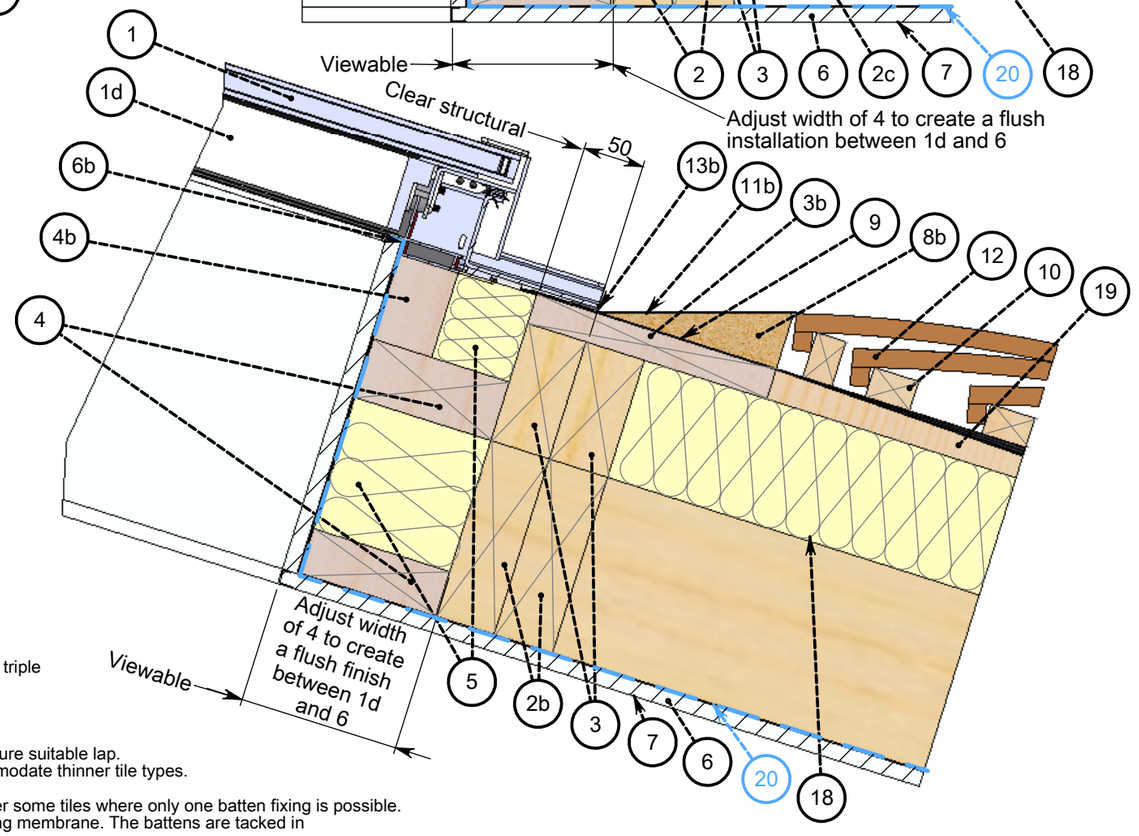


*Key:*

1. The neo™ Rooflight,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 strucural 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.
5. Insulation fitted between timber packers 4.
6. Plasterboard lining with plasterboard stop 6b.
7. Plaster skim
8. Head hardwood tilting fillet.
8b. Cill hardwood tilting fillet - to provide minimum 5 degree fall for shedding rain water.
9 . Line of breathable membrane. Roof membrane must be allowed to 'sag' between rafters.
10. Softwood battens.
11. 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 9 and UNDER head membrane 15.
11b. Code 4 (consider clipping flashing and roof tiles down in severer exposures) lead flashing at cill over tilting fillet 8b. Make the flashing long enough to give triple lap to the tiles below.
12. Roofing tiles.
13. 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 13b is located in a position where it will be covered by the cill flange of the rooflight.
14. Roofing membrane to rooflight head. Dress UNDER general roofing membrane 9, UNDER lead flashing 11 and OVER general roofing membrane 9 to ensure suitable lap.
15. Jamb flashing assembly - uPVC soaker up stand. Maximum installed height from top of soaker to top of structural support is 75mm. Trim soaker to accommodate thinner tile types. Refer to the flashing kit installation guide for more information.
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 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.
18. Insulation fitted on top of structural supports.
19. Counter batten.
20. Vapour barrier

*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.

TITLE :

# neo™ Rooflight

## Warm Roof | Clay Tile | Flashing Kit 'On the rafter' installation detail

| | | | |
|---|---|---|---|
| DWG NO. : SN_WRCS_FK_D | SHEET NO. : 1 OF 1 | REVISION: D | Insulation added between packers. DB: OM CB: NT |
| SCALE : 1:5 @ A3 DO NOT SCALE | DATE : 09/12/15 | | |

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.


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