VELUX®

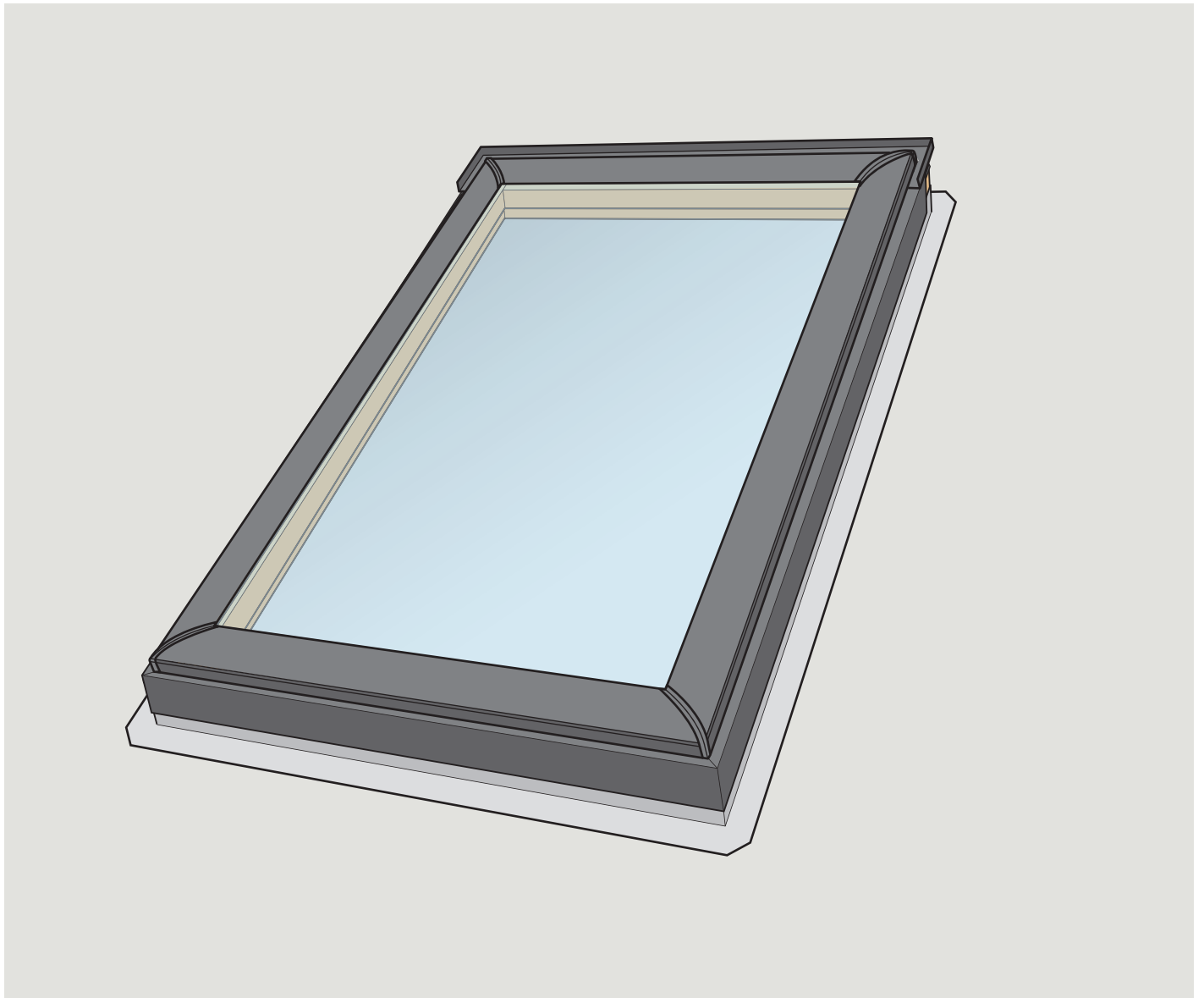# VS/VSE

VS/VSE Deck Mounted Skylight Installation Instructions

15°-90°

VS/VSE is designed for roof pitch 15-90 deg.

Accessories
Refer to instructions for accessory type in questionor contact VELUX for further information.
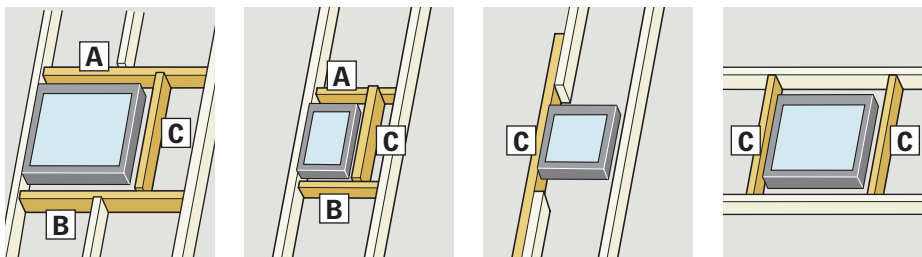
Vapor barrier
Where a vapor barrier is part of the roof construction, this barrier must be extended and connected to the skylight finish groove.

Treatment of wooden frame
Most VELUX skylights are pre-painted white and require no on-site painting. Stain grade skylights (available on order) have a temporary treatment against mould and mildew. Further treatment with wood stain, paint etc is necessary and can be done prior to installation or shortly after installation. Care should be taken to ensure wood stain, paint etc is not applied to gaskets.

Caution
Removal of sash during installation of the skylight is not recommended. Please contact your VELUX sales company for further information.
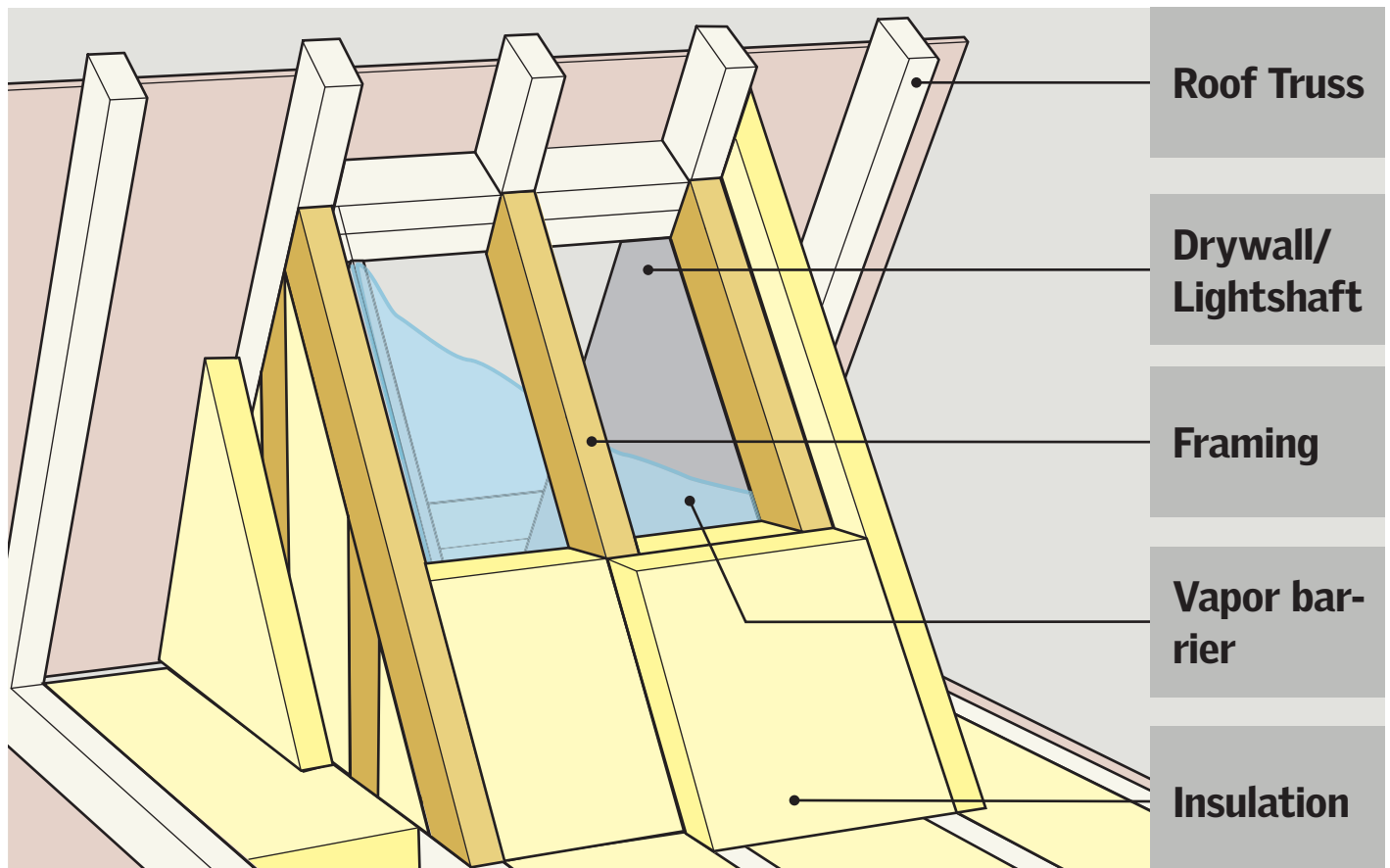
Roofing rafters
The skylight must be supported by roofing rafters as shown.
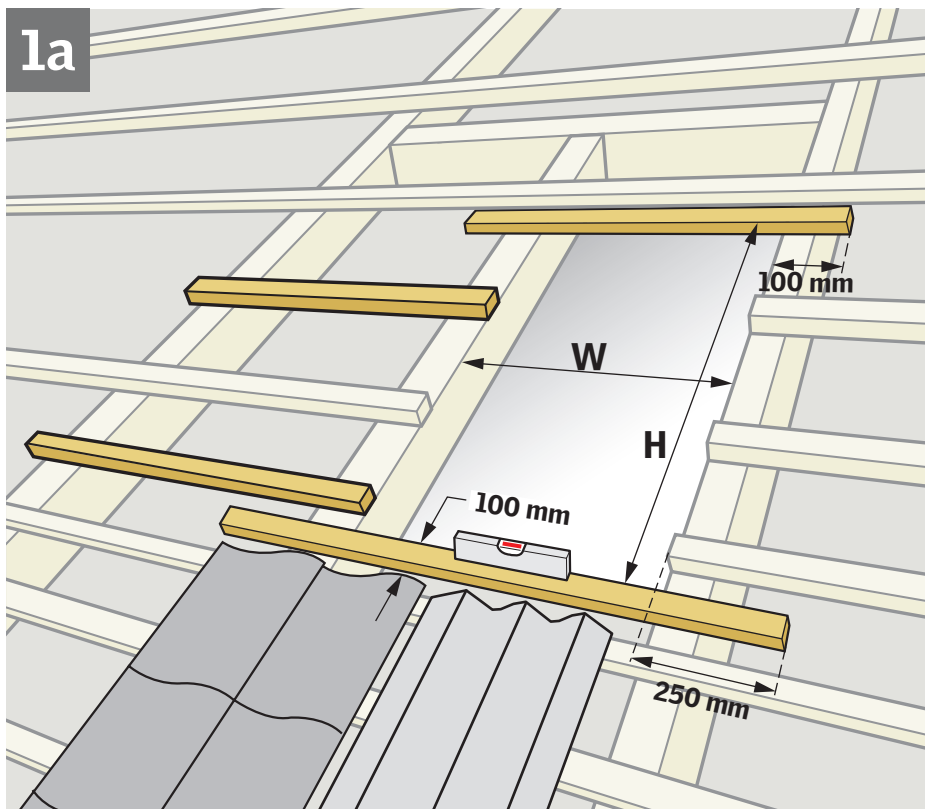Install top, side and bottom support rafters when necessary.

A : Top support rafter.
B : Bottom support rafter.
C : Side support rafter

Planning for your VELUX skylight - Lightshaft application

Roof Truss

Drywall/ Lightshaft

Framing

Vapor bar- rier

Insulation

Framing out

1a

100 mm

W

H

100 mm

250 mm
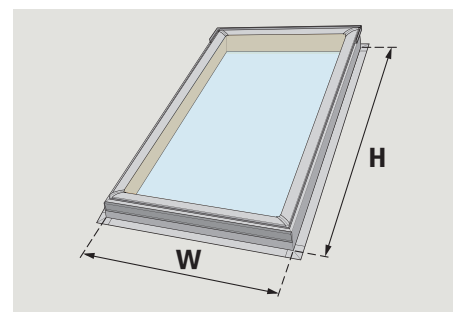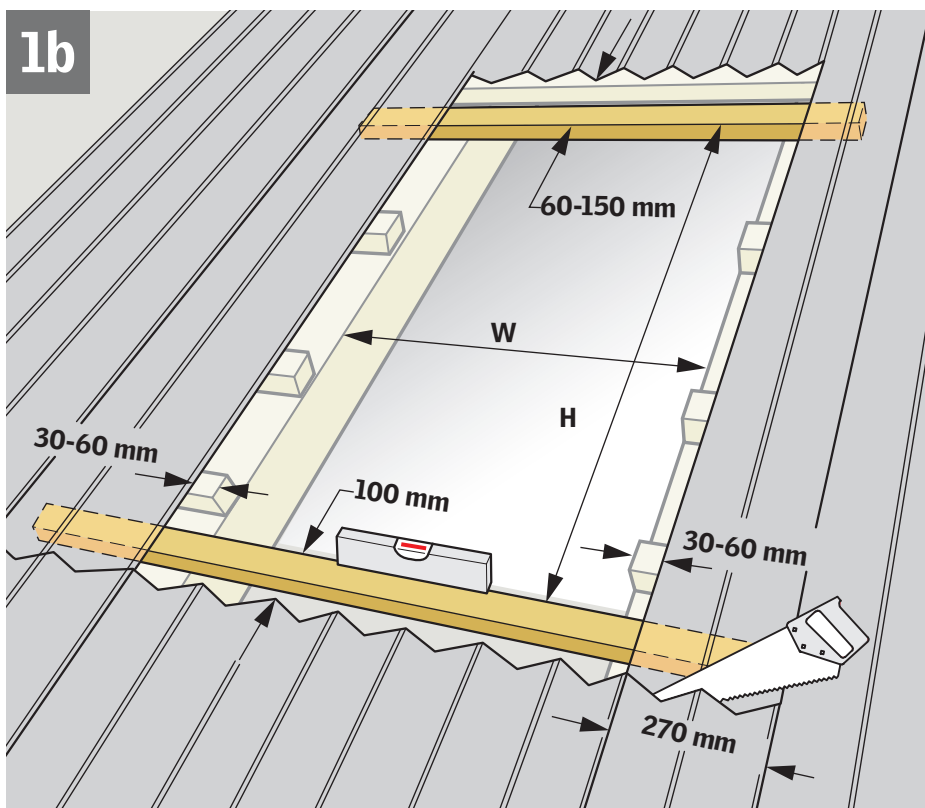
Tiles and new Metal roofing with EDW flashing

Tiles and new Metal sheet roofing with EDW
Prepare the rough opening to match the size of the skylight frame.
Install installation battens at top and bottom as shown and add support battens at the sides as necessary to support the flashing minimum 2-3 places.
Keep 100 mm distance from edge of roofing material to top edge of installation batten.
For tiles, ensure that the bottom of skylight frame is fitted above a complete course of tiles.
Check for level.

H

W

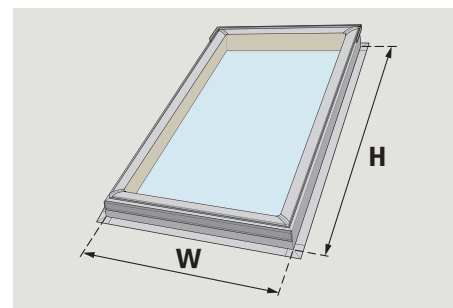**1b**

60-150 mm
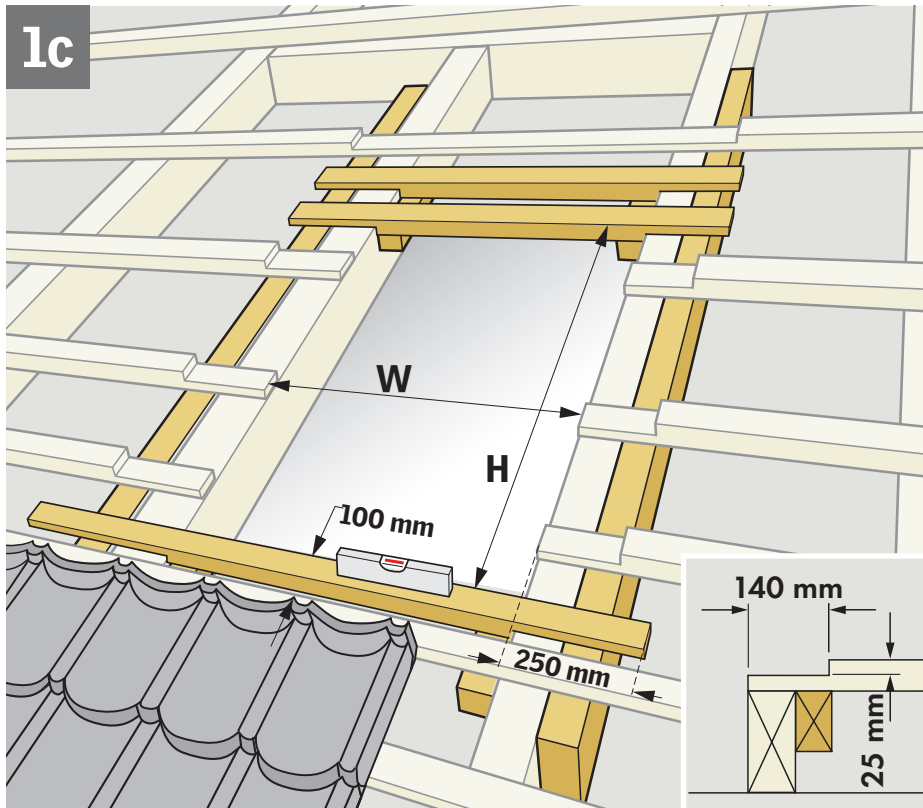
W

H

30-60 mm

100 mm

30-60 mm

270 mm

Existing Metal sheet roofing with EDW flashing.

Cut the metal sheets as shown, taking care to maintain the correct distance to the rough opening.
Finish the rough opening to match the size of the skylight frame.
Install installation battens as shown and hearders and jack rafter as necessary.
Check for level.
Important: Install the EDW head flashing section before installing the skylight.

H

W

1c

DECRA®, HARVEY™ or CORONA® roofing material with EDW flashing

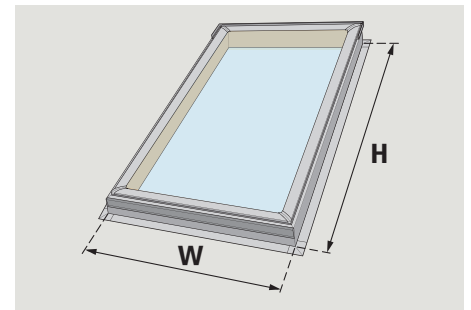Prepare the rough opening to match the size of the skylight frame.
Install installation and support battens as shown and headers and jack rafter as necessary.
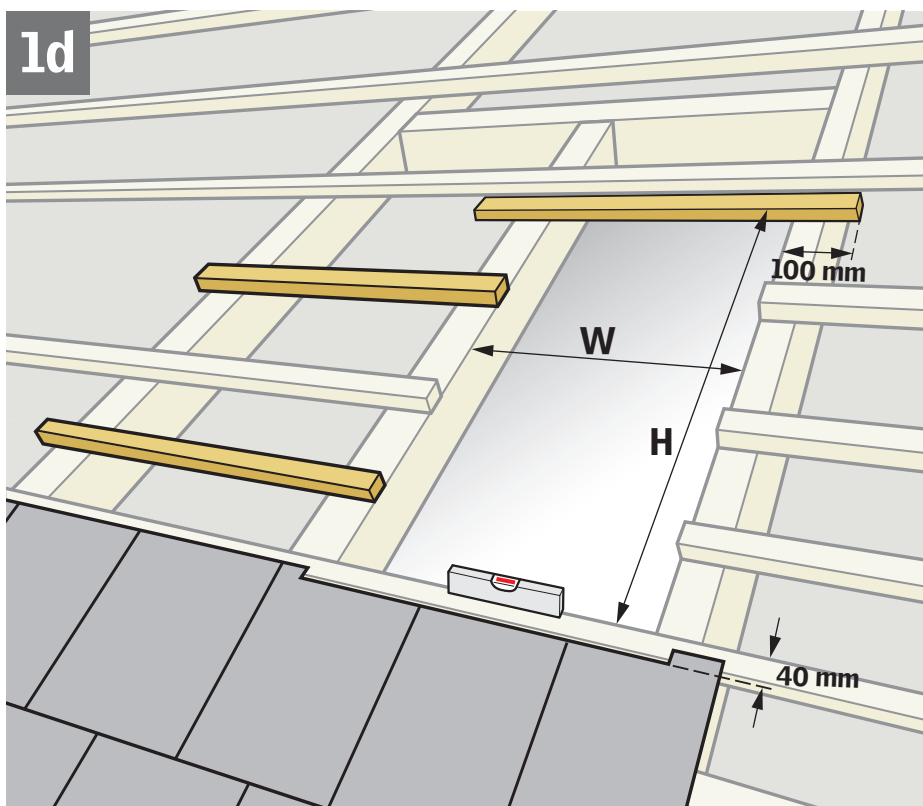Installation battens and support battens must be recessed 25 mm below batten level.
Keep 100 mm distance from edge of roofing batten to top edge of installation batten.
Check for level.
Cut roofing battens down 25 mm deep at sides and at top and 140 mm wide at sides. Install an extra trimmer to support the weakened roofing battens.

W

H

100 mm

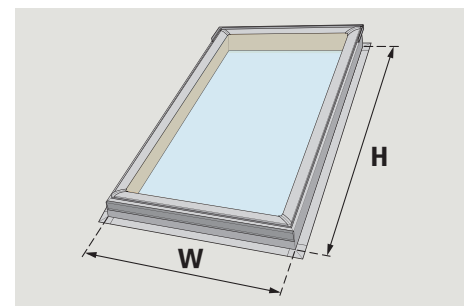**250 mm**

140 mm

25 mm

H

W

1d

Shingles / Slates with EDL flashing

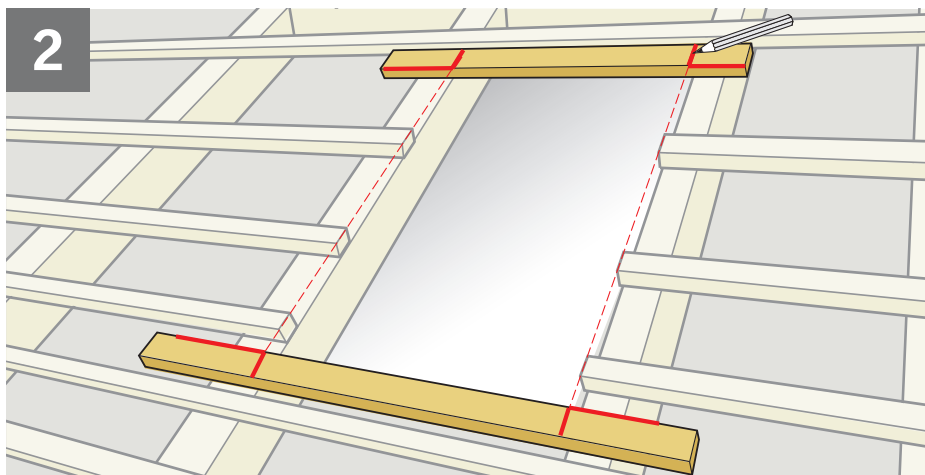Tiles and new Metal sheet roofing with EDW
Prepare the rough opening to match the size of the skylight frame.
Install installation batten at top as shown and add support battens at the sides as necessary to support the flashing minimum 2-3 places.
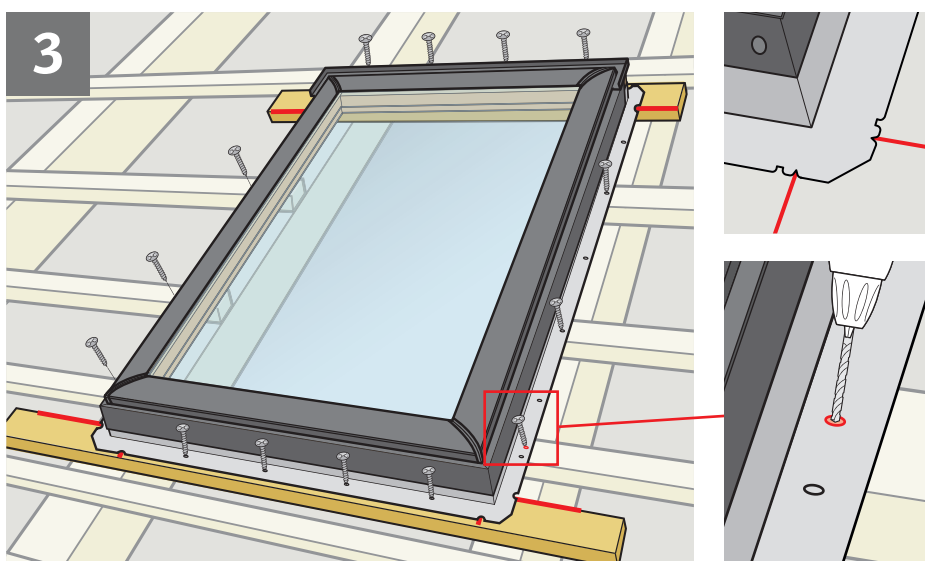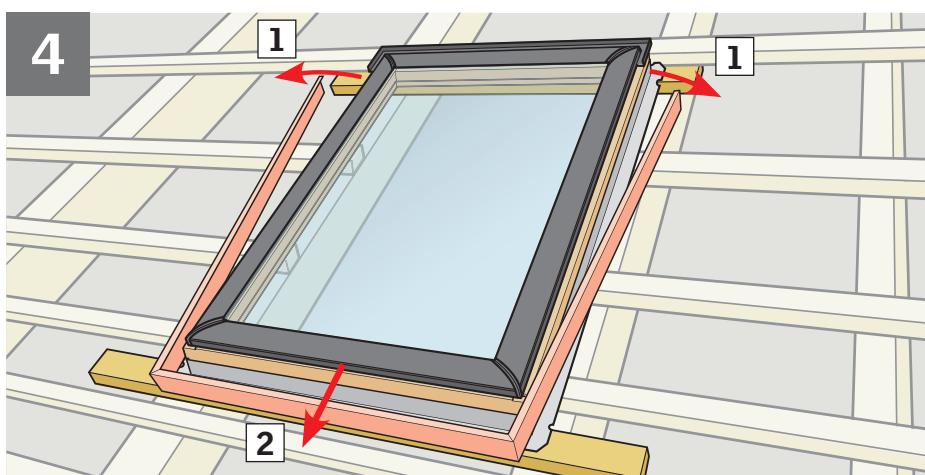Check for level.

100 mm

W

H

40 mm

H

W

Attachment of skylight

2

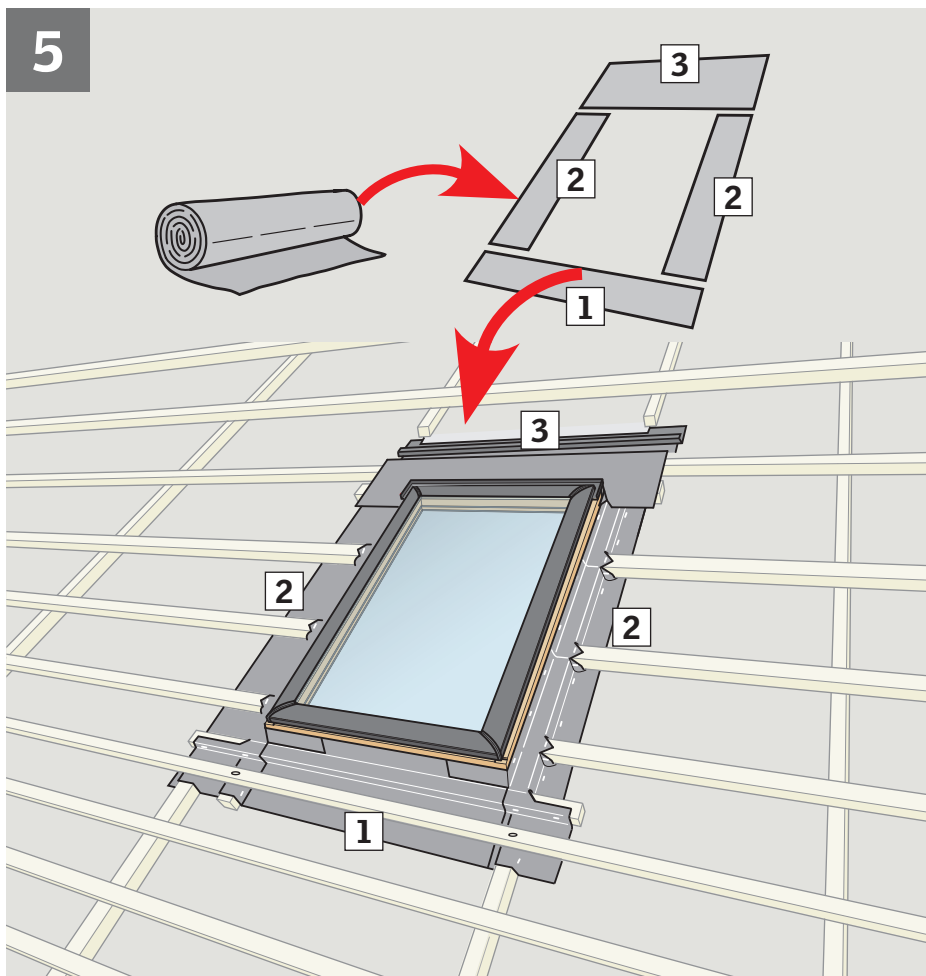Mark corners of the rough opening.

3

Center the skylight over the rough opening as shown.
Attach skylight with fasteners provided.
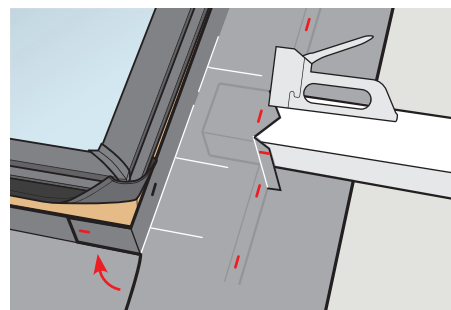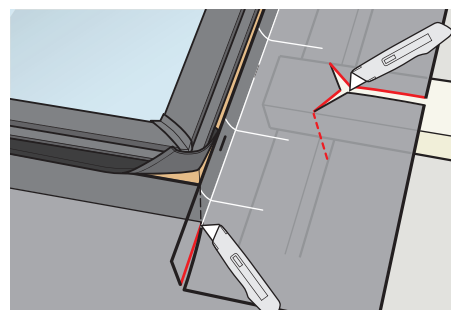Drill new holes if existing does not align with the roofing battens.

4

1
1
2

Remove coverings if underlayment is going to be used
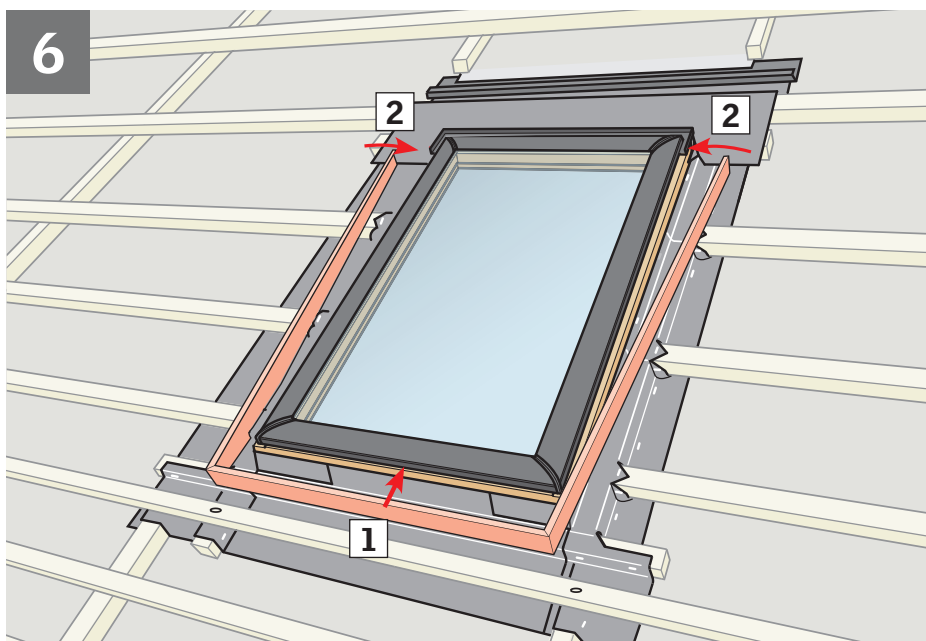
Installation of roofing underlay

5

If roofing underlay is used: Dress roofing underlay up around all four sides of the frame. Roof with counter battens shown for illustration purpose.
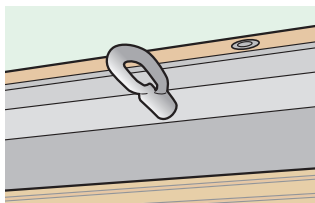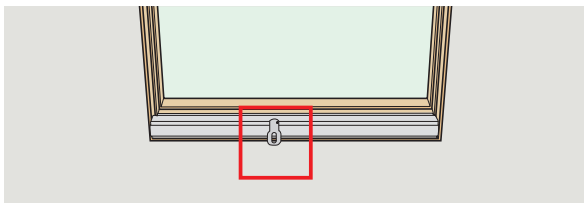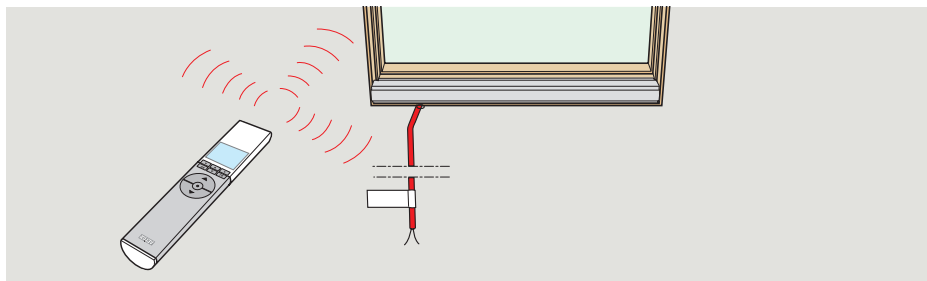
6

If flashing is not to be installed immediately, replace the cladding parts starting at the bottom. Interlock side frame claddings with bottom frame cladding as shown. Ensure top casing/ top frame cladding is placed in position **3** . Secure the claddings with the original screws.
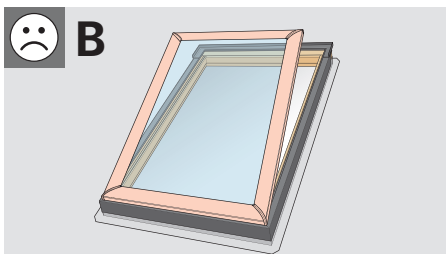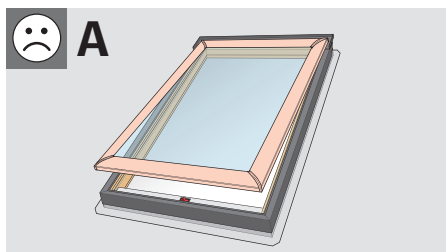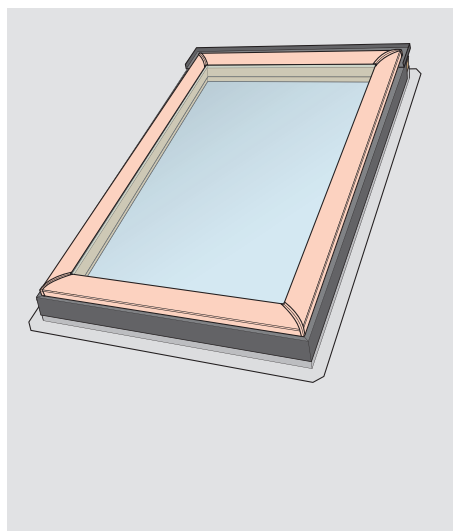
VS

Attach hook to operator.

VSE

Connect plug on power supply cable to approved electrical power outlet.
The junction or outlet in which the skylight power supply cable is connected must be accessible for inspection after installation is complete.
Refer to KLR 100 instructions for registration and operation of skylight.
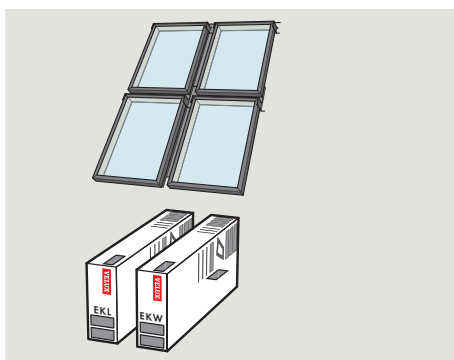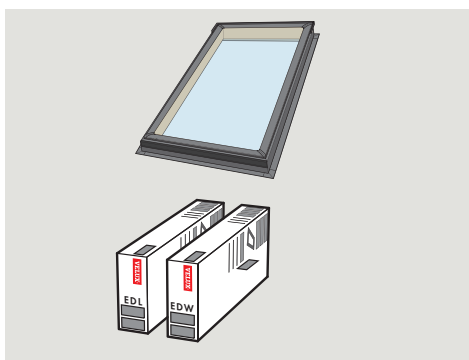
VS/VSE

A

B

CAUTION: Removal of sash during installation of the skylight is not recommended.
If sash is removed, test and check that the sash is properly attached at the top and bottom of the skylight frame. If working from an interior room, close the skylight completely. To verify that it is properly attached, carefully push outward on the sash. If working from the roof, close the skylight completely. To verify that it is properly attached, carefully try to lift the sash away from the skylight.
A: If the chain is disconnected at the bottom of the skylight, reconnect the chain to the sash.
B: If the sash and frame hinges are not properly engaged at the top of the skylight, ensure the sash is properly engaged by trying to push or lift up the top of the sash near the hinge.

Flashing

For flashing information, see instructions supplied with the relevant flashing.
Contact VELUX for grouping / combi installation of skylights.

AU: VELUX Australia Pty. Ltd
1300 859 856

NZ: VELUX New Zealand Ltd.
0800 650 445

www.velux.com