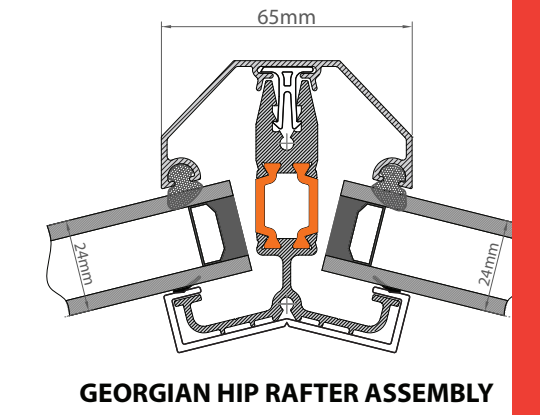
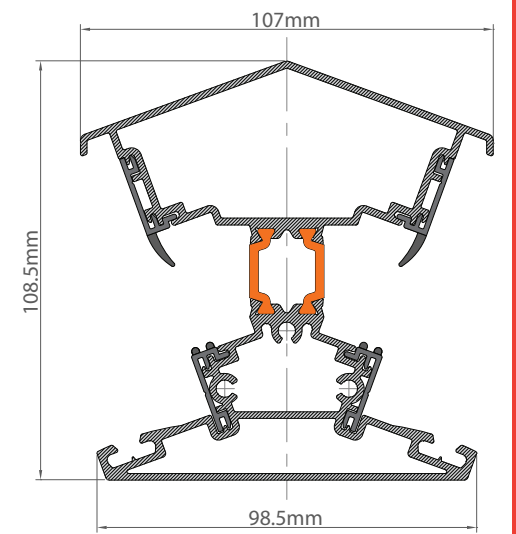
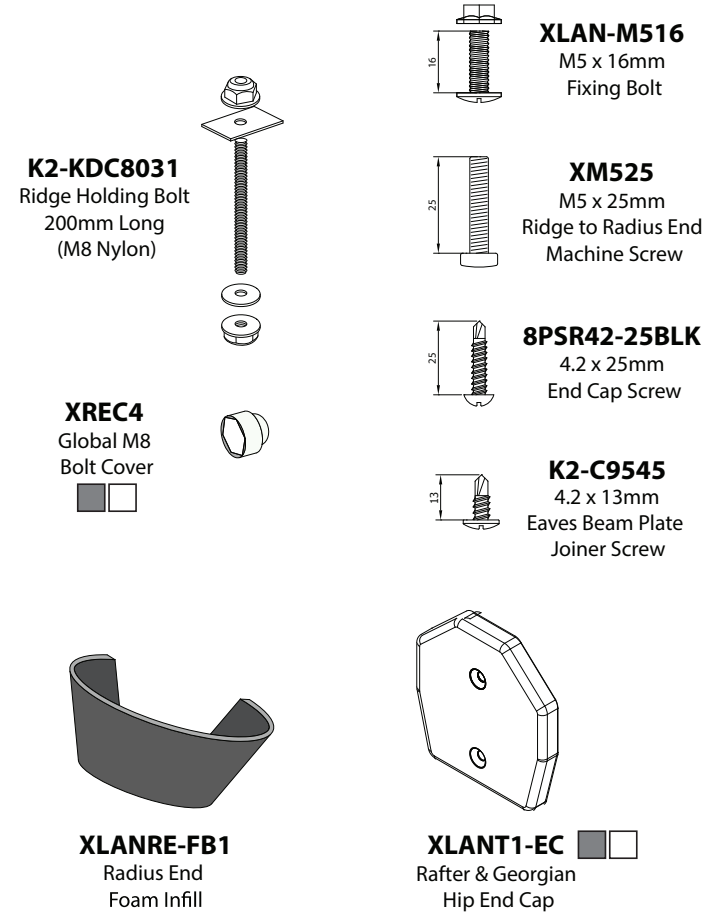
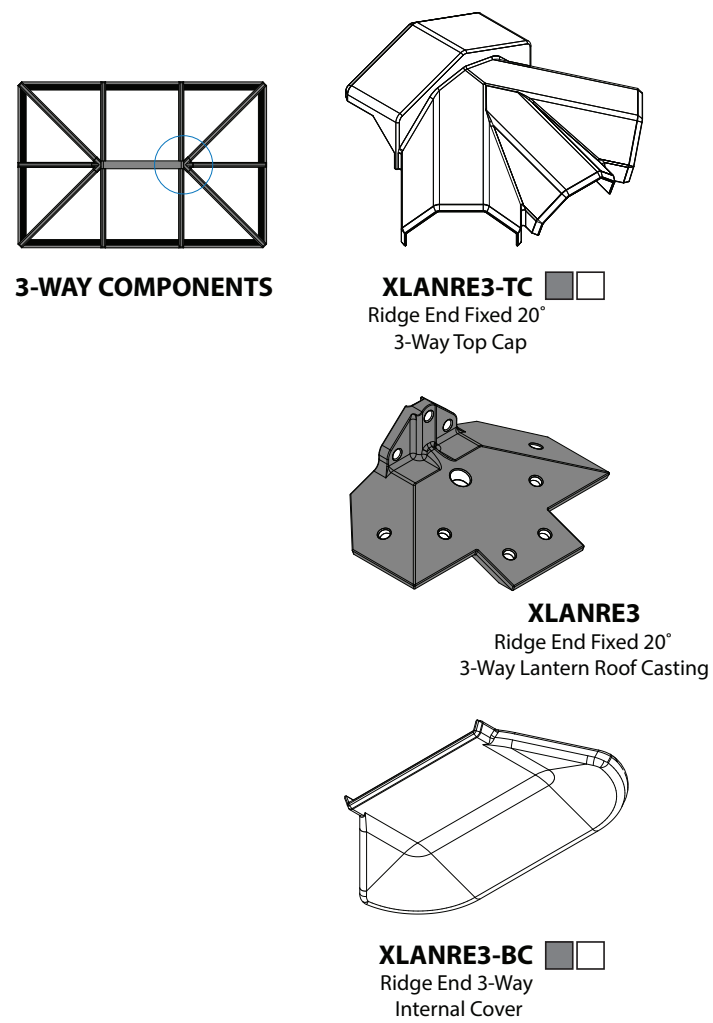
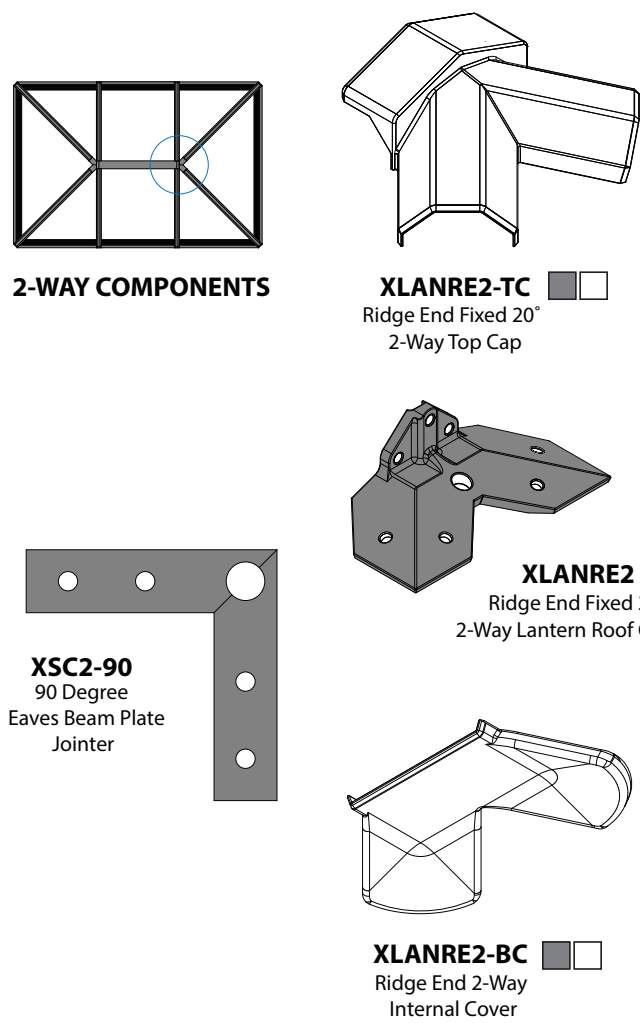
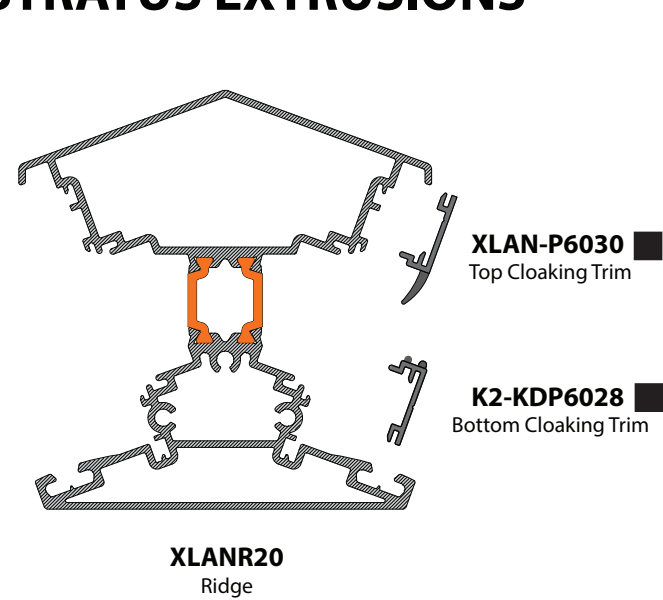


STRATUS COMPONENTS



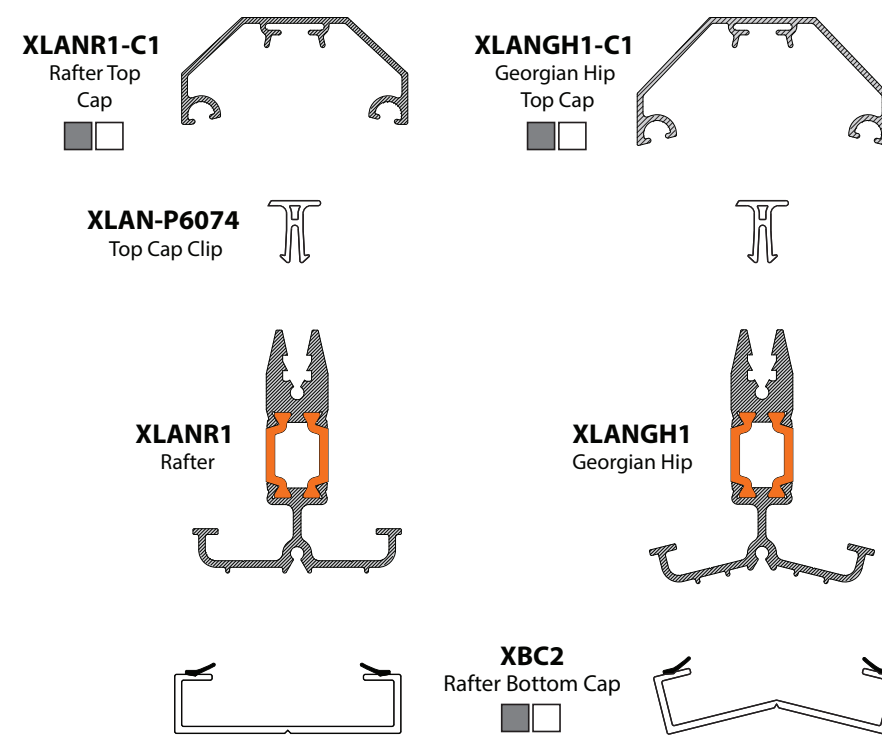
STRATUS EXTRUSIONS



Roof Colour Options

External

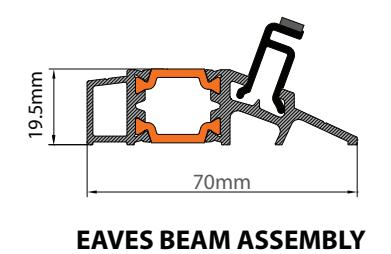
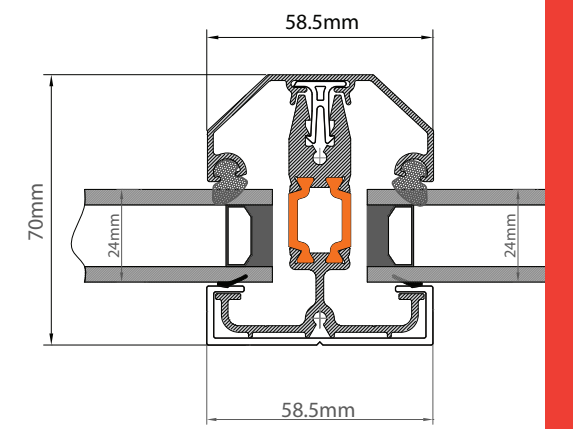
Internal



COLOUR GUIDE

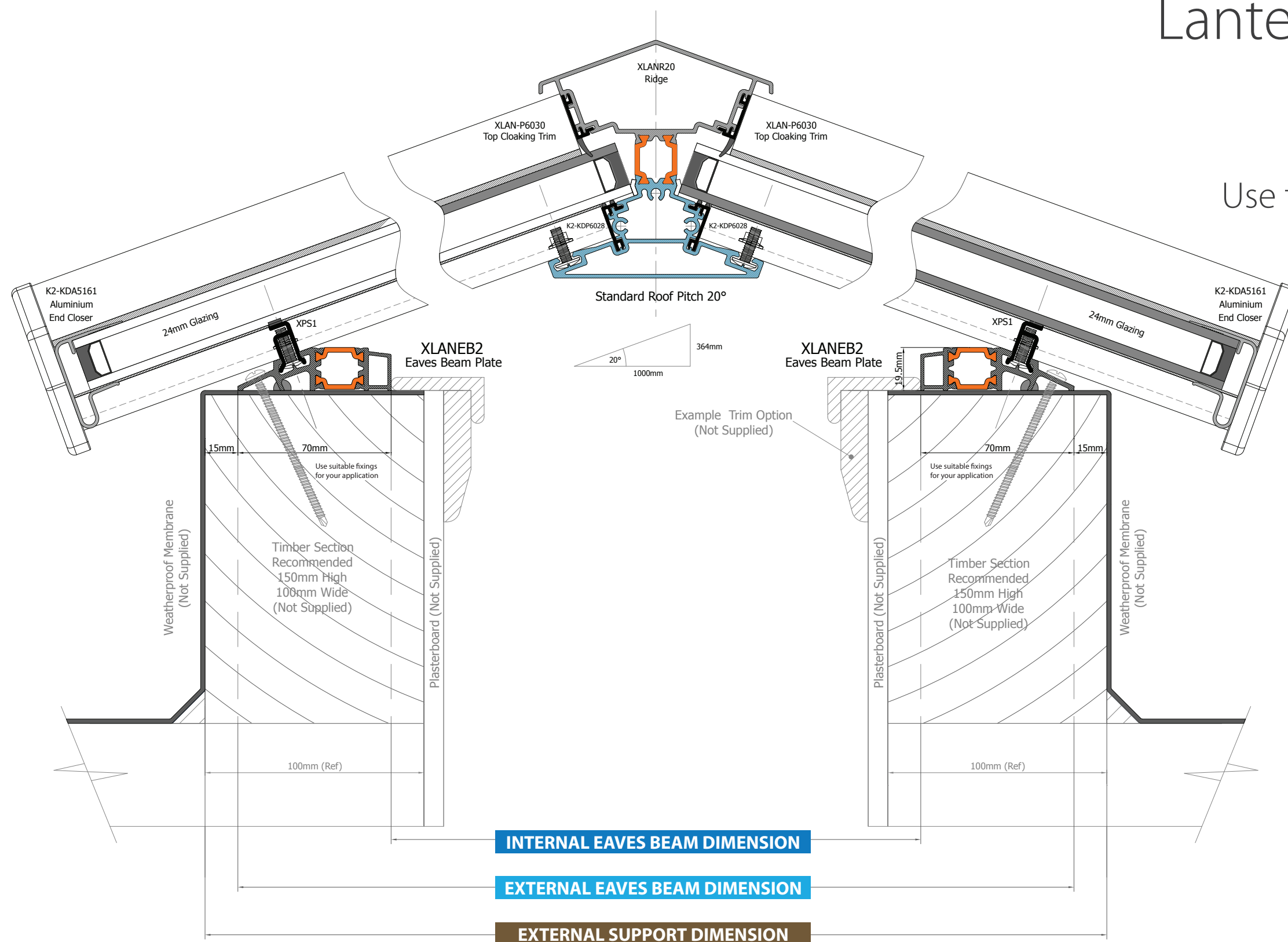
Grey RAL 7016

White RAL 9016



Lantern cross section

Use these guides to aid setting out your Stratus Thermal Lantern Roof correctly



24mm GLAZING

20° FIXED PITCH

CONTEMPORARY MAX SIZE
1500 (W) x 3000mm (L)

2-WAY MAX SIZE
1500 (W) x 6000mm (L)

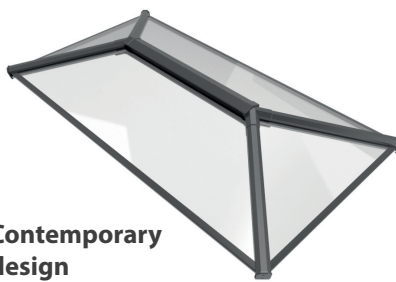
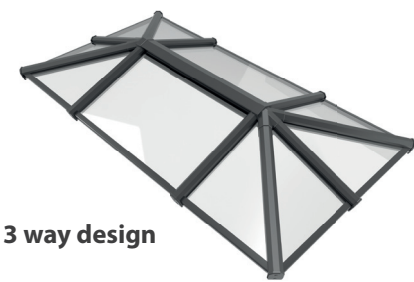
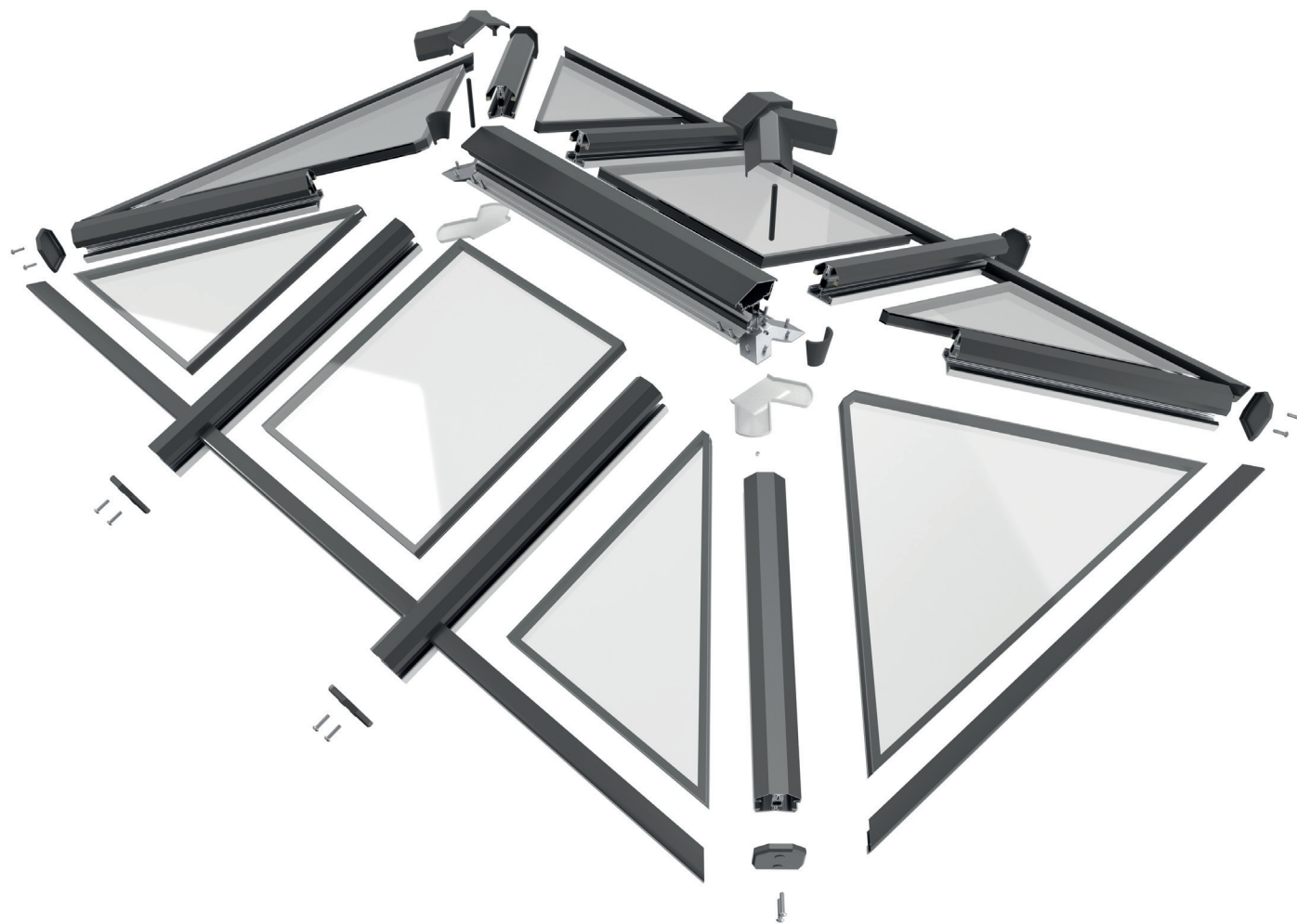
3-WAY MAX SIZE
3000 (W) x 6000mm (L)

SUGGESTED PERIMETER SUPPORT
100 (W) x 150mm (H)

Installation Guide and wallchart

Tools required:
Tape measure
Drill and bits as required
Rubber or plastic mallet
Screwdriver and 13mm spanner
Sealant gun and sealant !
Hacksaw

! Please ensure that all Sealant used is compatible with the type of glass being fitted in the installation.



Your easy to follow guide to Stratus - the innovative fully thermally broken lantern roof

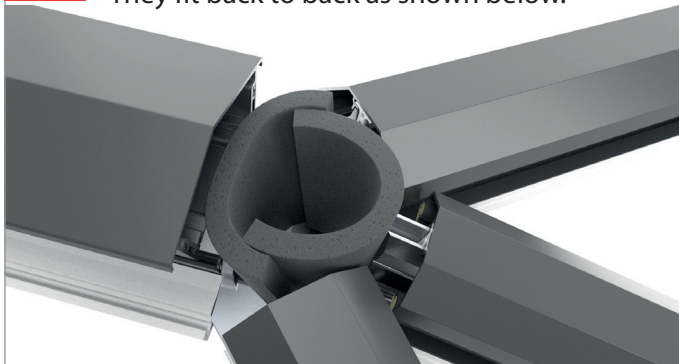
13

Top caps are located into their respectively numbered glazing bar. Tap down till fully located using a plastic or rubber mallet on a section of timber to avoid damage to capping.



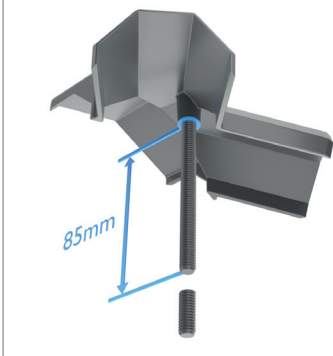
15

Now fit the 2 radius end foam infills. They fit back to back as shown below.



17

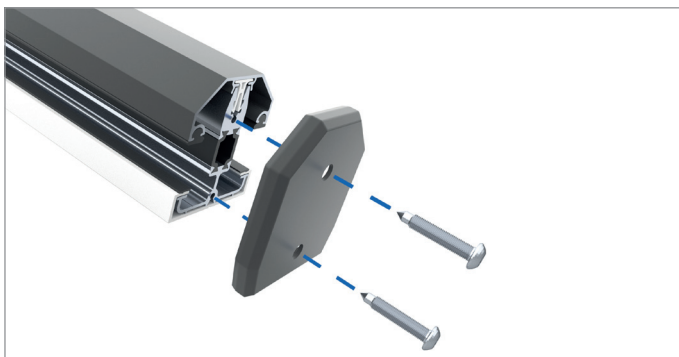
Insert ridge holding bolt into receiving boss on underside of top cap casting.



Turn clockwise and lock in position. When fully tightened cut down to 85mm from end of threaded rod to edge of aluminium boss.

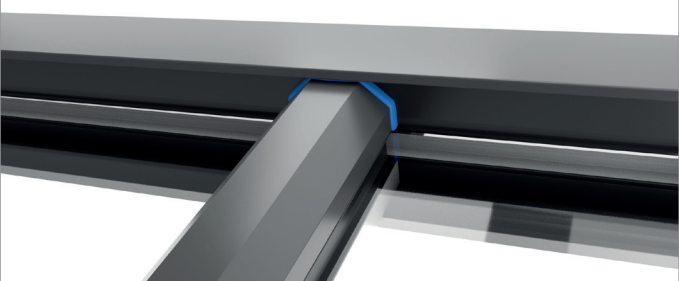
20

Secure end caps on all glazing bars and Georgian hip rafters using 4.2 x 25mm self-tapping screws (as supplied).



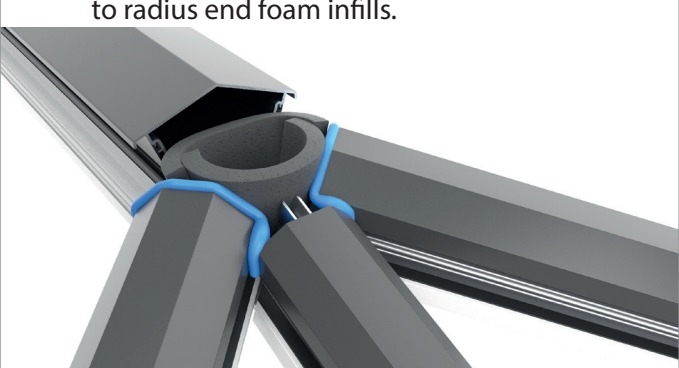
14

Seal glazing bar and top cap to ridge section using appropriate sealant.



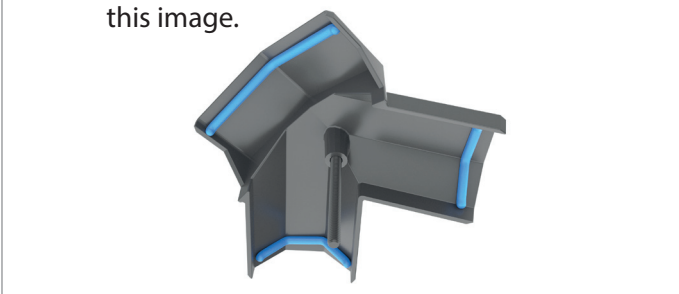
16

Sealant to be applied as indicated on this image to seal glazing bars and hip rafters up to radius end foam infills.



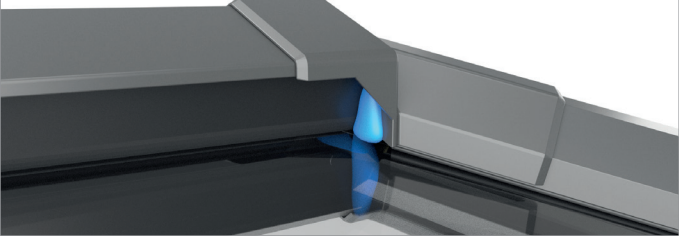
18

Sealant to be applied to the underside of the top aluminium boss as indicated on this image.



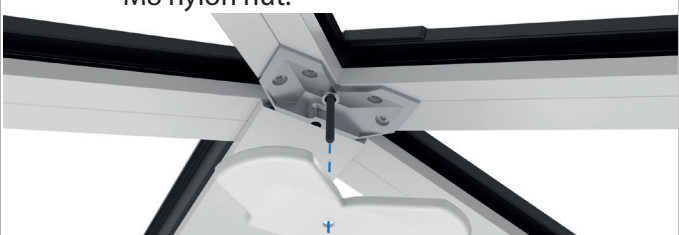
19

Fit top caps. Ensure gap between hip and ridge is sealed when no rafter is fitted.



21

Drill 8mm diameter hole in bottom cap for nylon fixing bolt to pass through. Position indicated on inside of cover. Secure using M8 nylon nut.



We reserve the right to alter specifications and descriptions without prior notice as part of our policy of continuous development. E&OE.

ZMSL/Installwallchart

12

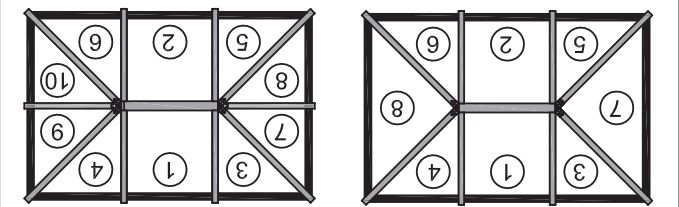
When attaching the glazing closers on a contemporary design roof, it is advisable to seal the closer to the DGL to prevent the possibility of any central sagging to the end closer.



Apply a thin bead of sealant to the top wing of the glazing closer and attach. Secure with suitable masking tape and remove when cured.

11

Use this sequence to glaze the units in their correct locations to balance weight evenly.



2 way design
3 way design

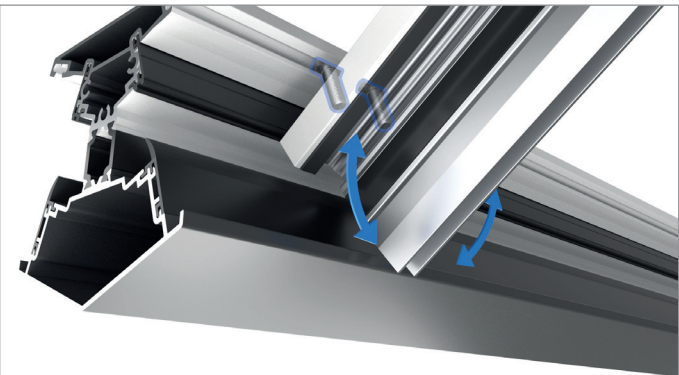
6

Ensure that support infill is fitted between all glazing bars and Georgian hips. Fold back approx. 25mm of protective tape from support infill to allow it to be removed once glazing unit is in correct position.



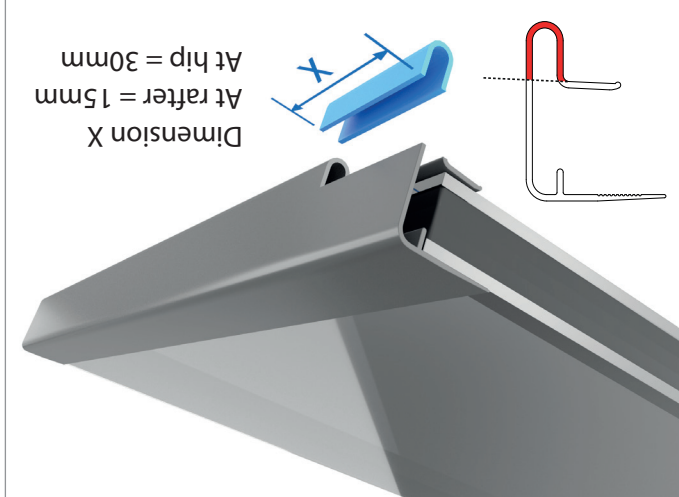
7

Rafters will need fitting with a gentle rotation to fit over bolts when fixing to ridge. Take care when positioning, not to scratch powder coated surface of ridge.



10

If not already done, remove section indicated above in blue from end closer to allow rafter/Georgian hip rafter to sit correctly in position.



At rafter = 15mm
At hip = 30mm
Dimension X

8

Fix hips to radius end using M5 x 16mm bolts.



6

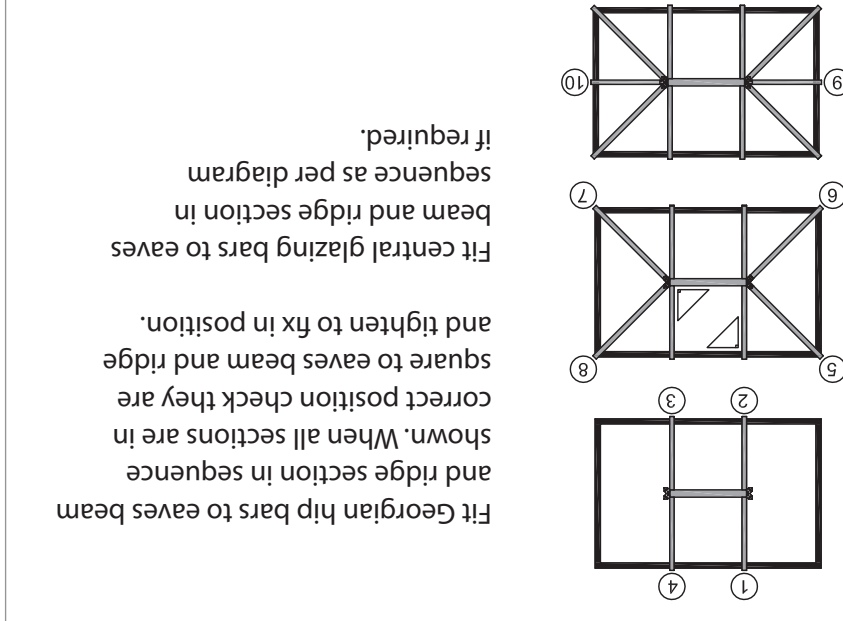
Secure all rafters and hips to eaves beam using M5 x 16mm bolts.



TIP: If working with a restricted supporting upstand height you may need to loosely fit the end caps in place prior to the glazing bars being secured to assist assembly. If not glazing bar end caps will be fitted later in the process.

5

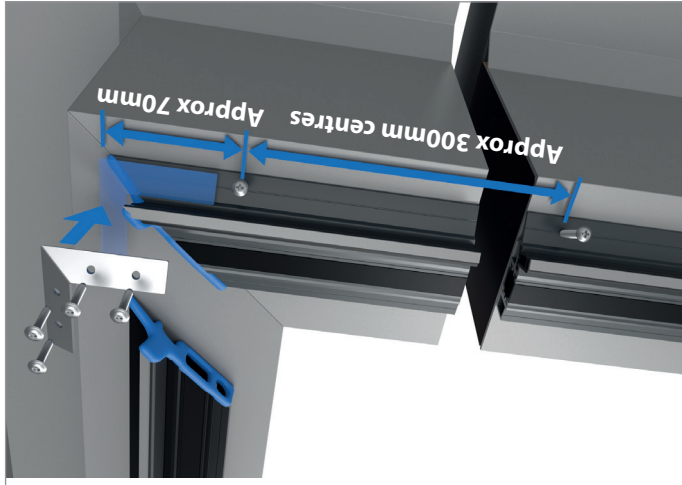
Fit Georgian hip bars to eaves beam and ridge section in sequence shown. When all sections are in square to eaves beam and ridge and tighten to fix in position. Fit central glazing bars to eaves beam and ridge section in correct position check they are square to eaves beam and ridge and tighten to fix in position. Fit central glazing bars to eaves beam and ridge section in sequence as per diagram if required.



Secure glazing bars and Georgian hips to eaves beam and ridge using M5 x 16mm bolts (supplied in the eaves beam). Fully tighten fixing bolts to secure.

4

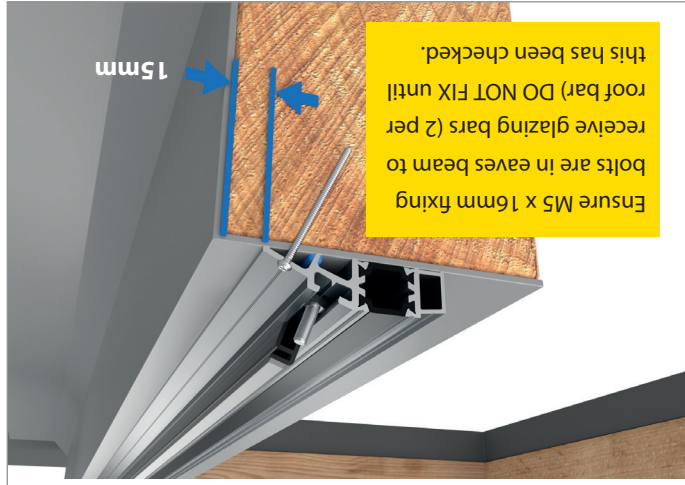
Sealant to be applied between intersection of eaves beams at corner joint using appropriate product.



Approx 300mm centres
Approx 70mm

3

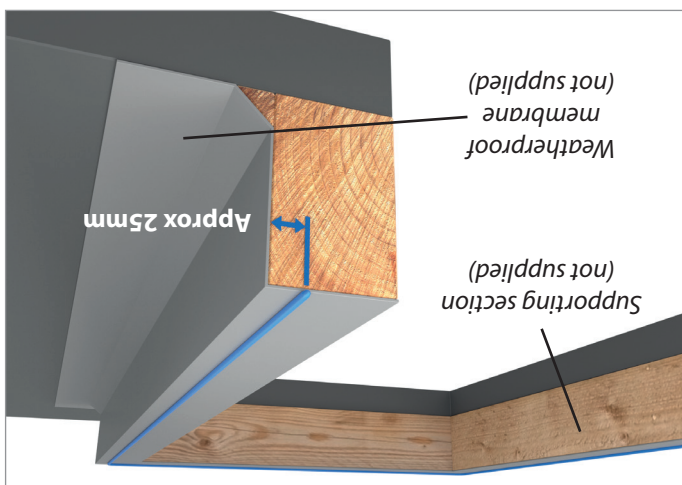
Secure eaves beam into supporting upstand using appropriate fixings. Fixings to be positioned as shown in diagrams 3 and 4.



Ensure M5 x 16mm fixing bolts are in eaves beam to receive glazing bars (2 per roof bar) DO NOT FIX until this has been checked.

2

Apply a generous bead of suitable sealant around the full perimeter of the supporting structure. Positioned as shown.



Supporting section (not supplied)
Weatherproof membrane (not supplied)

1

Ensure supporting construction is square by checking diagonals. Measurements to be taken to outside corners of supports.

