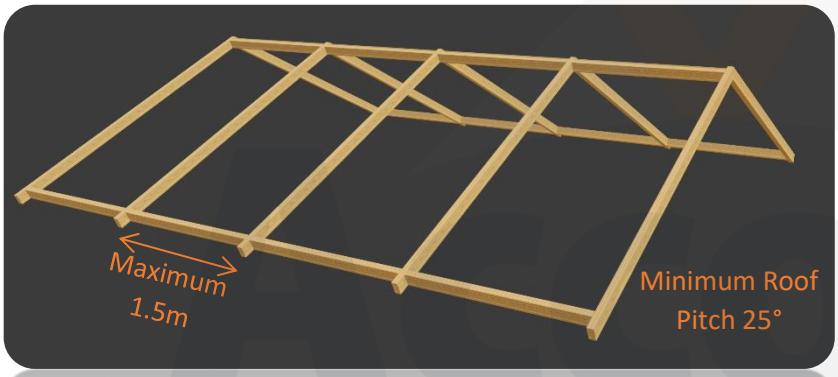
Installation Guide

Insulated Slate Effect Metal Composite Roof Sheets



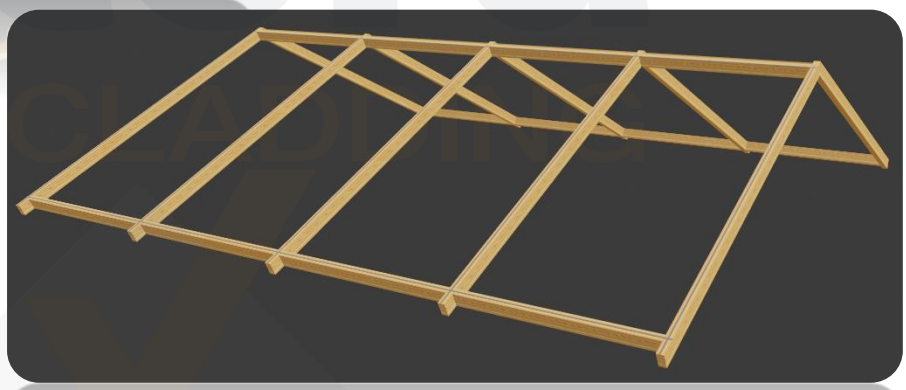
Set out your roof framework.

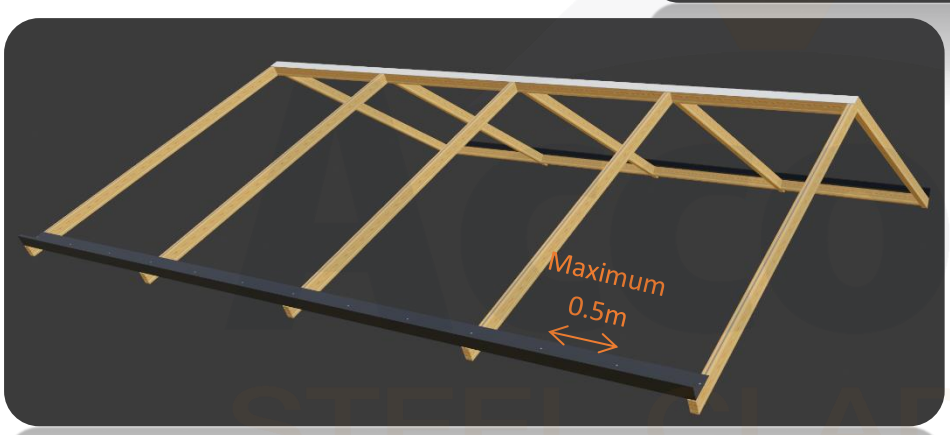
The minimum pitch is 25°

The maximum spacing between rafters is 1.5m

The size and spacing of the timber should be specified by a structural engineer.

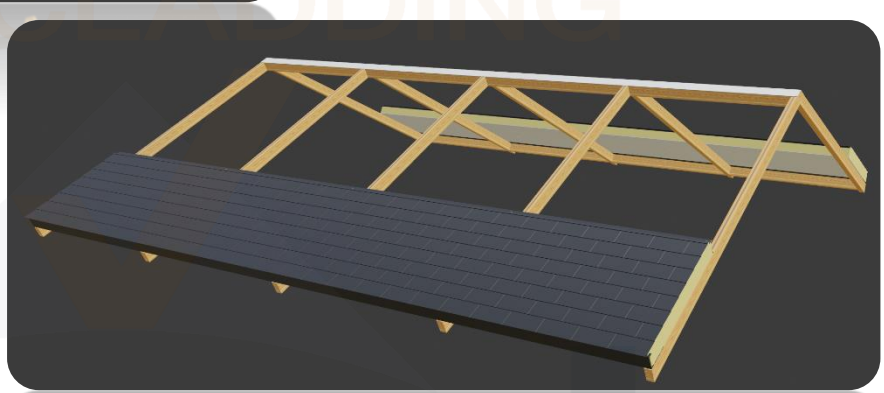
Apply 9mm x 3mm Butyl sealant tape over the framework, this will help reduce noise.



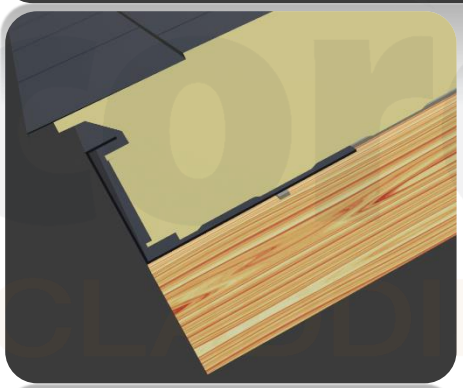


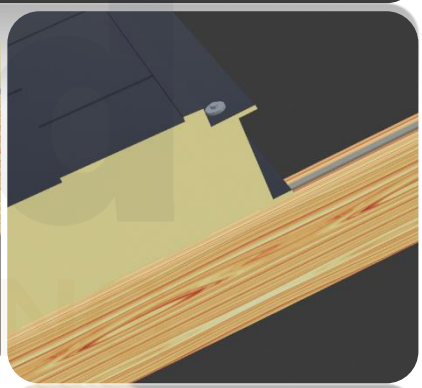
Position and fix panel bearers and internal ridge caps with countersunk screws at maximum 0.5m centres. The panel bearers become a starter for the sheets and also serves as a trim for the eaves.

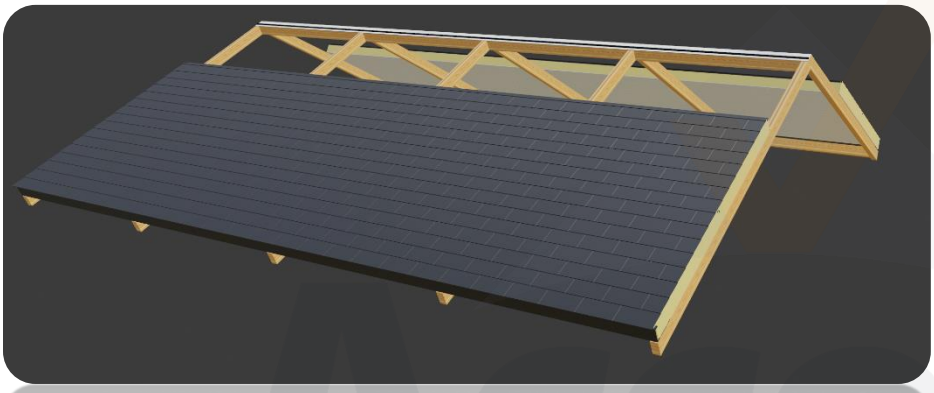
Position the first panel into the panel bearer and secure in place using the appropriate screws.



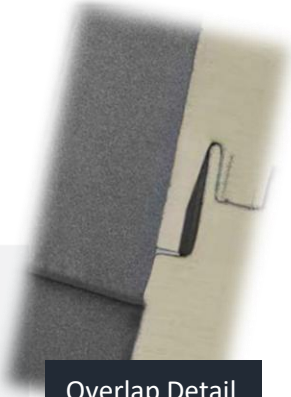
	60mm Insulation	120mm Insulation
Wood	80mm Timber Teks	160mm Timber Teks
Metal < 3.5mm	80mm Light Section	130mm Light Section
Metal > 3.5mm	85mm Heavy Section	150mm Heavy Section





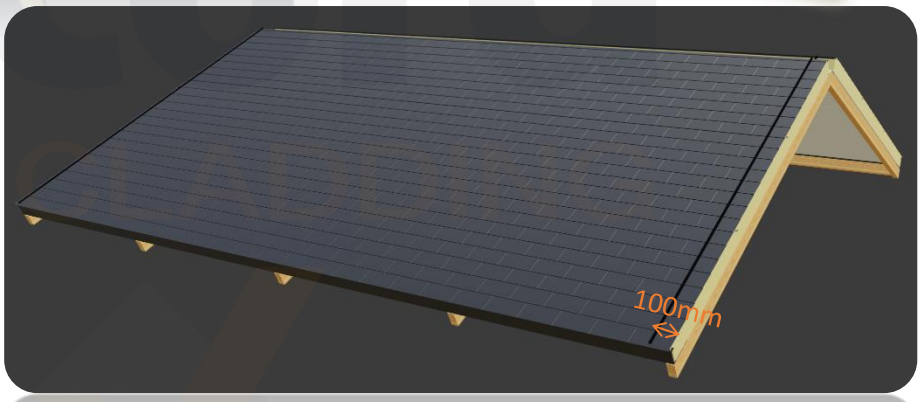


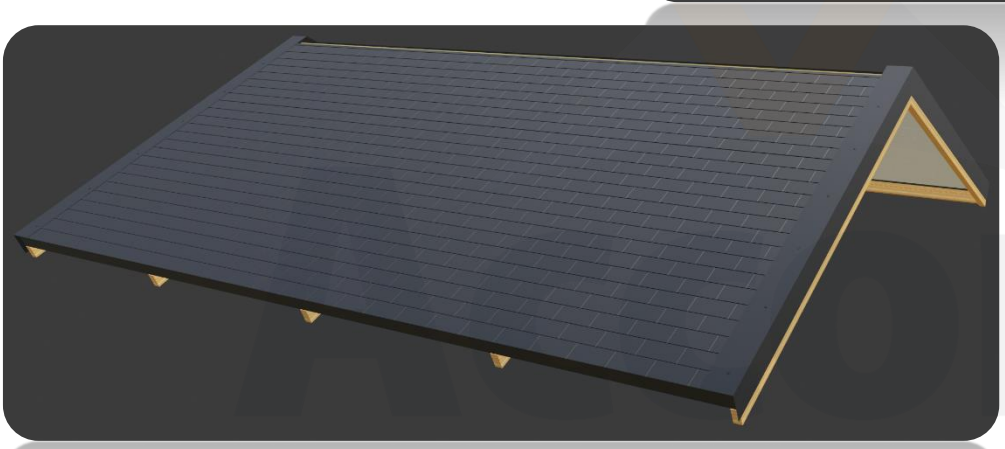
Continue installing the panels working up the slope of the roof, taking care to ensure that alternative tile rows line up.
Before installing the top panel, run a line of 20mm x 9mm PVC Foam Tape along the internal ridge



Overlap Detail

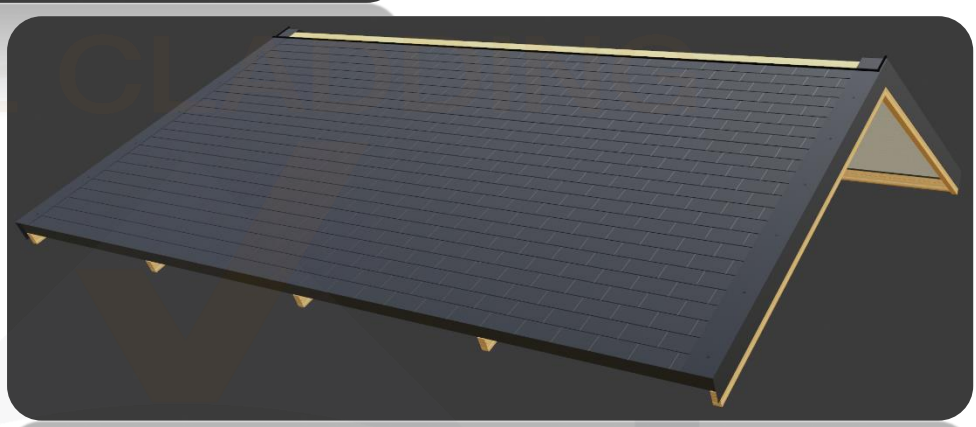
Run a line of 20mm x 9mm PVC Foam Tape down the slopes of the roof 100mm from each edge.

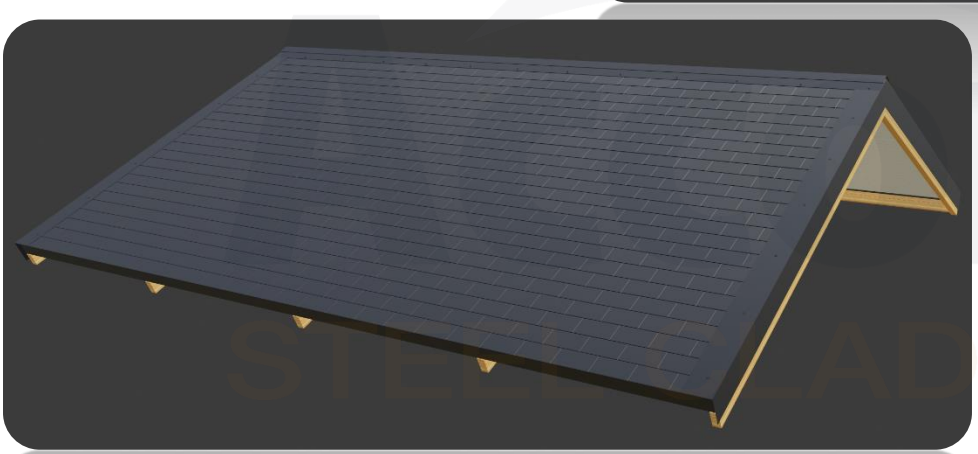




Lay the bargeboards on to the roof. Bargeboards should be overlapped 100mm minimum.
Fix the bargeboards in place using stitch screws at maximum 500mm centres.
Cover the screws with 19mm Tek screw caps.

Fill the ridge void with fire rated expanding foam.
Run a line of 20mm x 9mm PVC Foam Tape round the area the ridge is to be installed.





Lay the ridge caps on the roof. The ridges should be overlapped 100mm minimum.
Attach the ridge cap to the roof using stitch screws at maximum 500mm centres.
Cover the stitch screws with 19mm Tek screw caps.