

# M.C.S.

Roofing and Cladding Supplies Ltd

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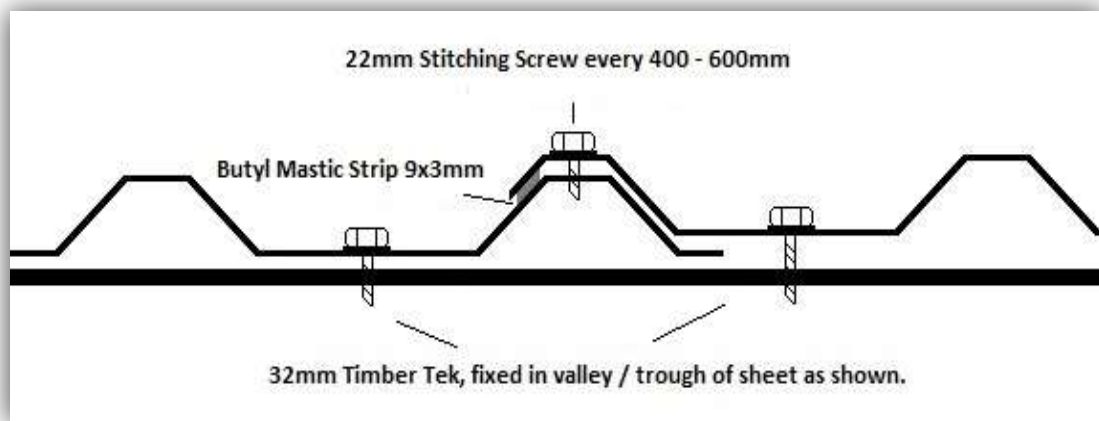
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**ROOFING SHEETS**  
**ANTI-CONDENSATION**  
**FLASHINGS**  
**ROOFLIGHTS**  
**PVC GUTTER**  
**FIBRE CEMENT**

## Installation Guide for MCS Single Skin Steel Box Profile Sheets (34/1000 or 32/1000)

- MCS box profile roof sheets can be laid left to right or right to left. This may depend on the direction of the prevailing wind or merely personal preference.
- If overlapping the sheets lengthways, a minimum 150mm overlap is recommended. The shallower the pitch of the roof, the greater the overlap should be.
- Sheets should be overlapped and fixed as shown below with the narrower of the lapping edges going over the larger to avoid any capillary action drawing water from the valley of the roof sheet.



- When fixing, Tek screws should be used and fixed through the valley of the sheets to comply with the British standard.
- Tighten the screws until the rubber washer just emerges from beneath the metal washer (Fixings **MUST NOT** be over tightened as the rubber washer may split.)
- The Tek screws are self-tapping. If you are using this type of screw for the first time, we recommend practicing on a scrap piece of material to familiarize yourself on how the screws perform.
- We advise that a fixing is applied to every valley at the eaves/gutter end of each sheet and then at approximately 300mm intervals up its length. Extra fixings should be used towards the gable ends of the building to ensure that any strong winds do not start to lift the sheets.
- 22mm stitching screws should be used to pull the overlapping edges together, it is also recommended to use Butyl Lap Strip as shown on the above sketch.
- Foam fillers should be used at the ridge and eaves to avoid debris, insects and birds entering the structure except for when sheets have been treated with Dripstop backing.