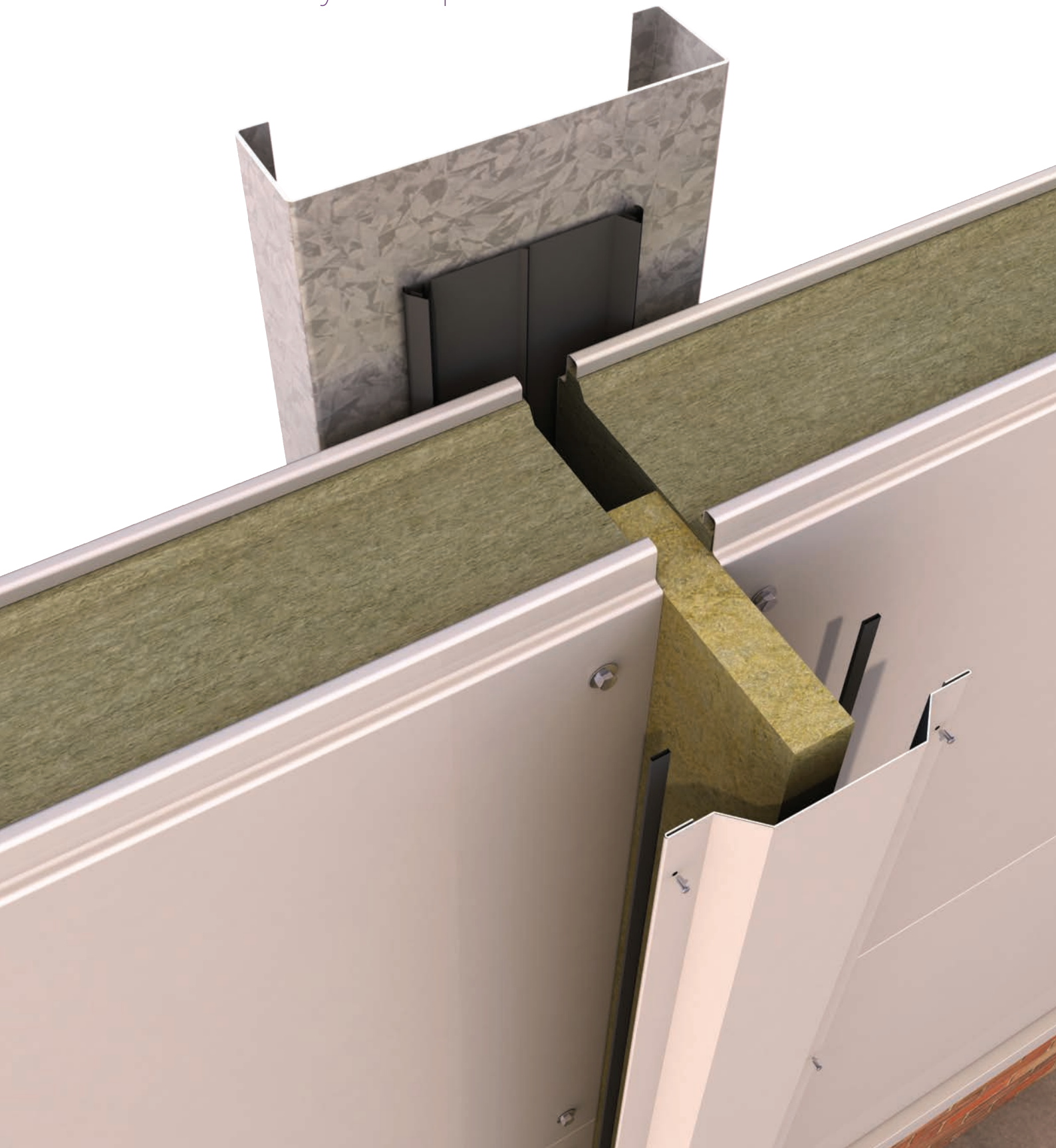


installation guide

horizontally laid panel



standard details

rockspan horizontally laid

A

1. Check all support steelwork has been installed within standard dimensional tolerances.

Check that the width of the steel bearing face is consistent with any wind loading calculations that have been undertaken.

Minimum 65mm bearing per panel end.

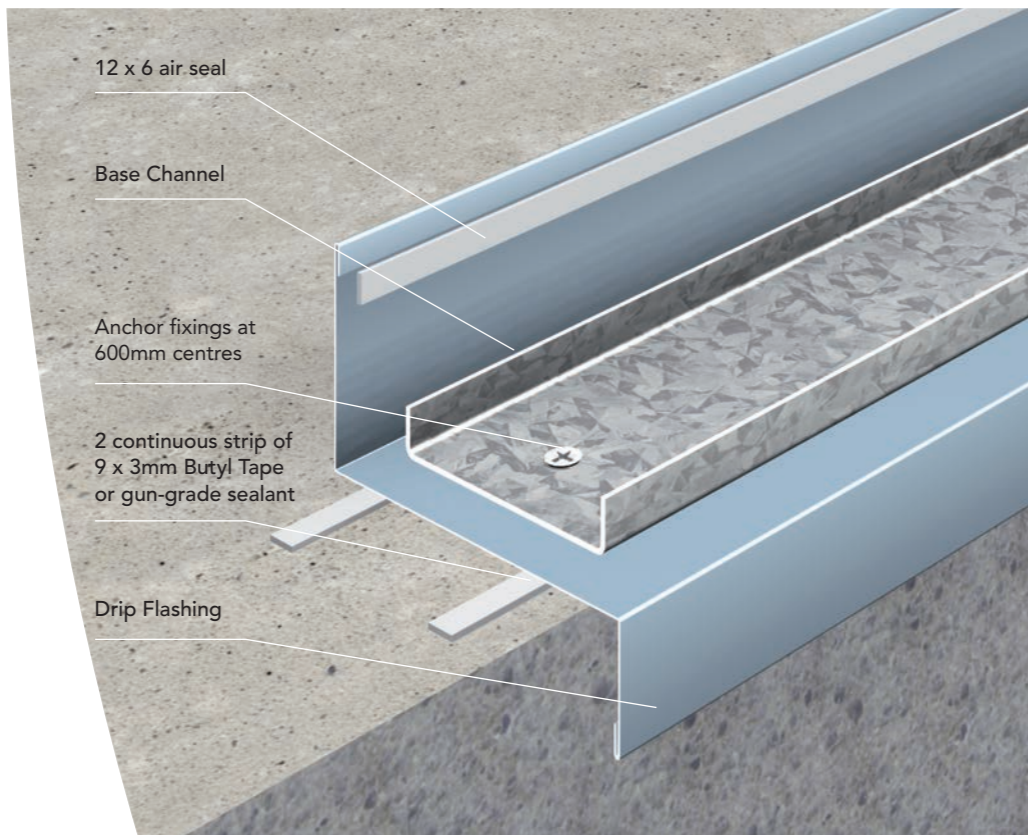


B

2. Fix the drip flashing and base channel in the required position and seal between the floor slab and drip flashing. Fix into the floor slab at 600mm centres with anchor fixings.

Ensure that both are level and the correct set-out dimensions has been used.

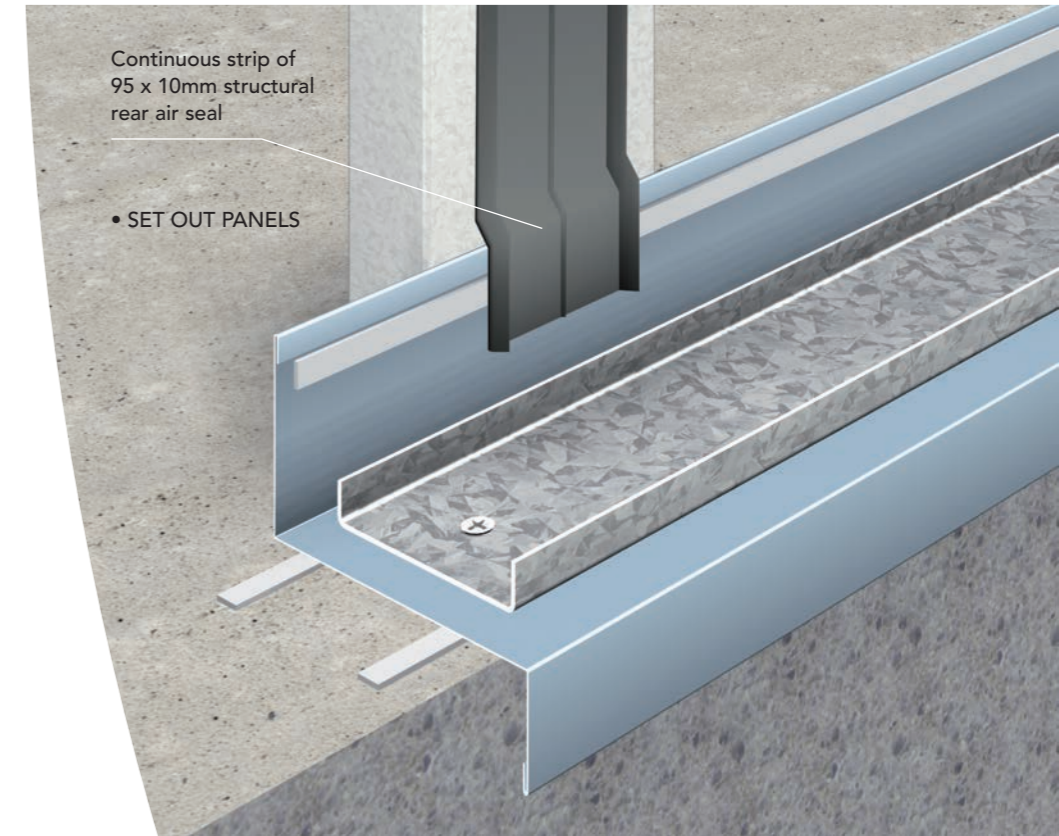
3. Apply a continuous strip of the 12 x 6mm rear air seal to the upstand of the drip flashing.



C

4. Apply a continuous strip of the 95 x 10mm structural rear air seal to the centre of the vertical support steelwork ensuring that it laps over the drip flashing and butts tightly to the rear air seal at the base position.

5. Check actual panel length on-site and mark set-out point for the panels taking into consideration the steelwork and panel length tolerances.

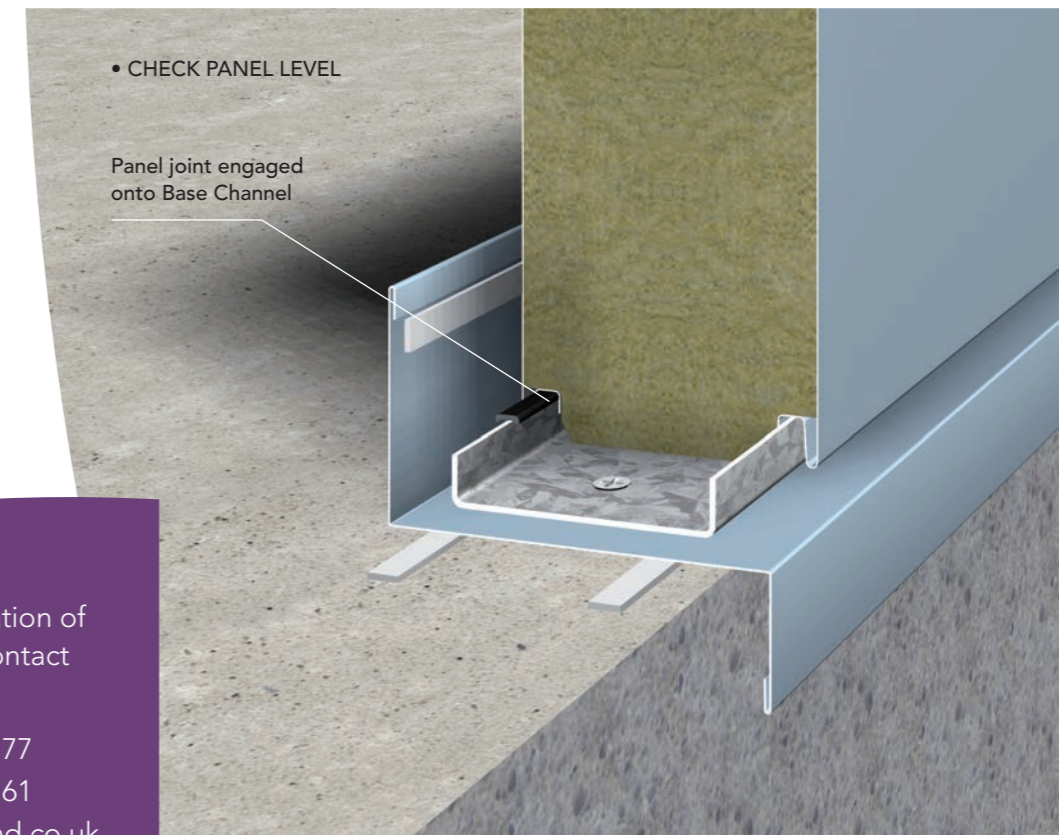


D

6. Lift panel from stack using your chosen method of handling and remove the protective film from the liner side of the panel.

NOTE: Depth gauges on fixing guns must be used to ensure correct compression of the fixings and therefore no distortion of the panel face.

7. Lift the panel carefully into position and lower panel onto the base channel ensuring that both female joints of the panel engage sufficiently. Check panel is level before proceeding.



If you would like further information on the installation of rockspan panels please contact our technical team.

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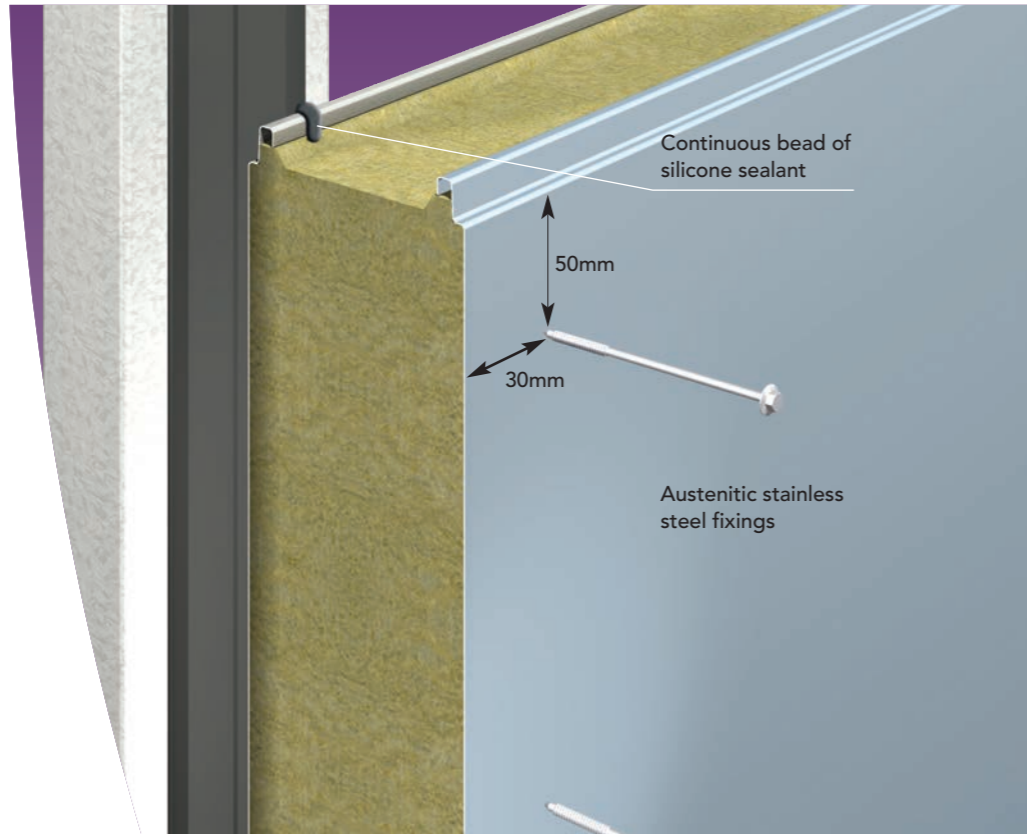
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standard details

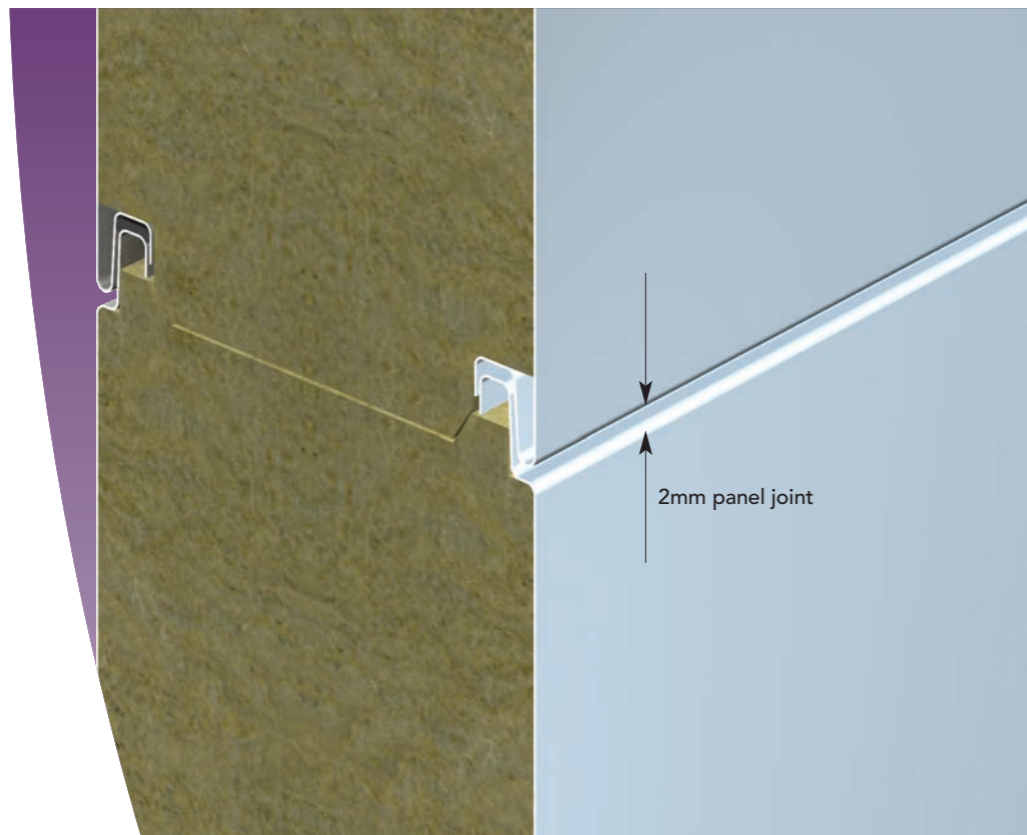
rockspan horizontally laid

- E** 8. Fix the panels with a minimum of 3 No. suitable austenitic stainless steel fixings per panel support*. A fixing should be installed 50mm above and below the horizontal panel joint and the remaining fixings equally spaced in between down the panel module. The fixings should be no closer than 30mm from the cut edge of the panel.
- NOTE: Depth gauges on fixing guns must be used to ensure correct compression of the fixings and therefore no distortion of the panel face.**
9. Run a bead of silicone sealant from the rear air seal over the rear male joint.

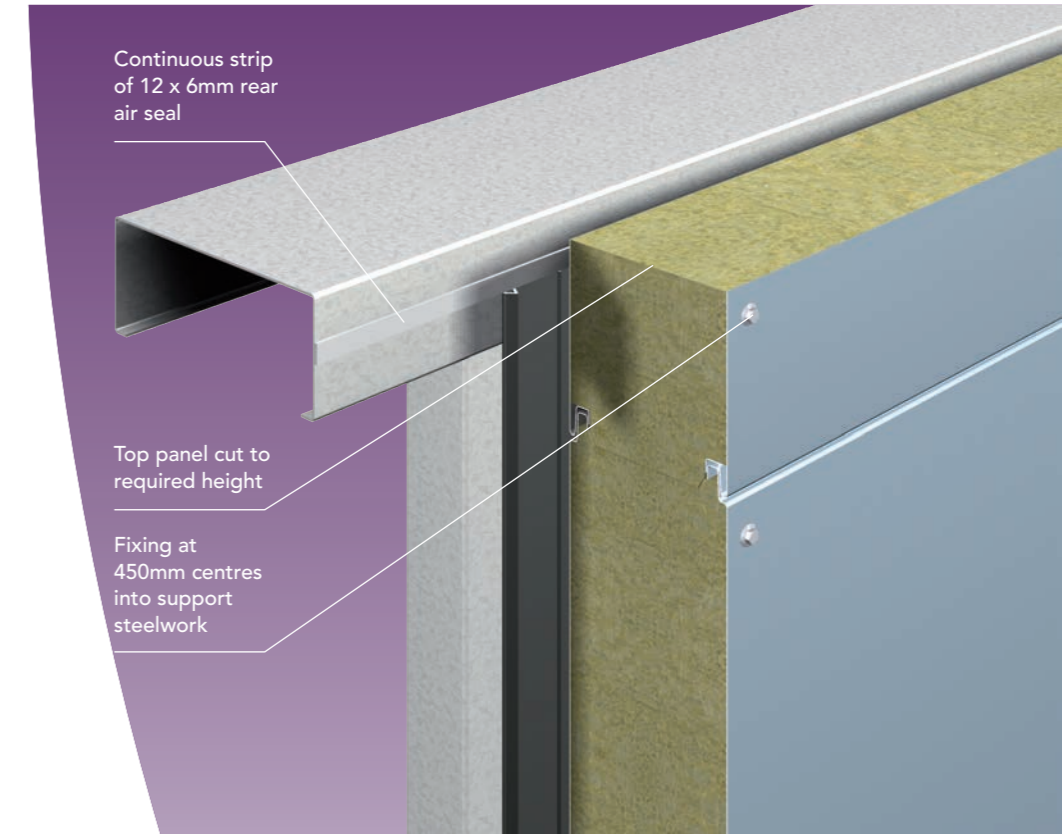


* Amount of fasteners to be determined via Eurobond Technical Department dependant on wind load qualification.

- F** 10. Install further panels one bay at a time removing the film from the panels as the installation progresses. The horizontal joints should be 2mm (+/-2mm tolerance).



- G** 11. Apply a continuous strip of 12 x 6mm rear air seal to the horizontal steel at the top of the elevation.
12. Cut the top panel to the required height if necessary and through fix into the steel at 450mm centres.
- NOTE: Depth gauges on fixing guns must be used to ensure correct compression of the fixings and therefore no distortion of the panel face.**



- H** 13. Repeat the previous steps to install further bays of panels along the elevation. To ensure the vertical joint position does not creep along the elevation check that all panel lengths and steelwork tolerances are accounted for.



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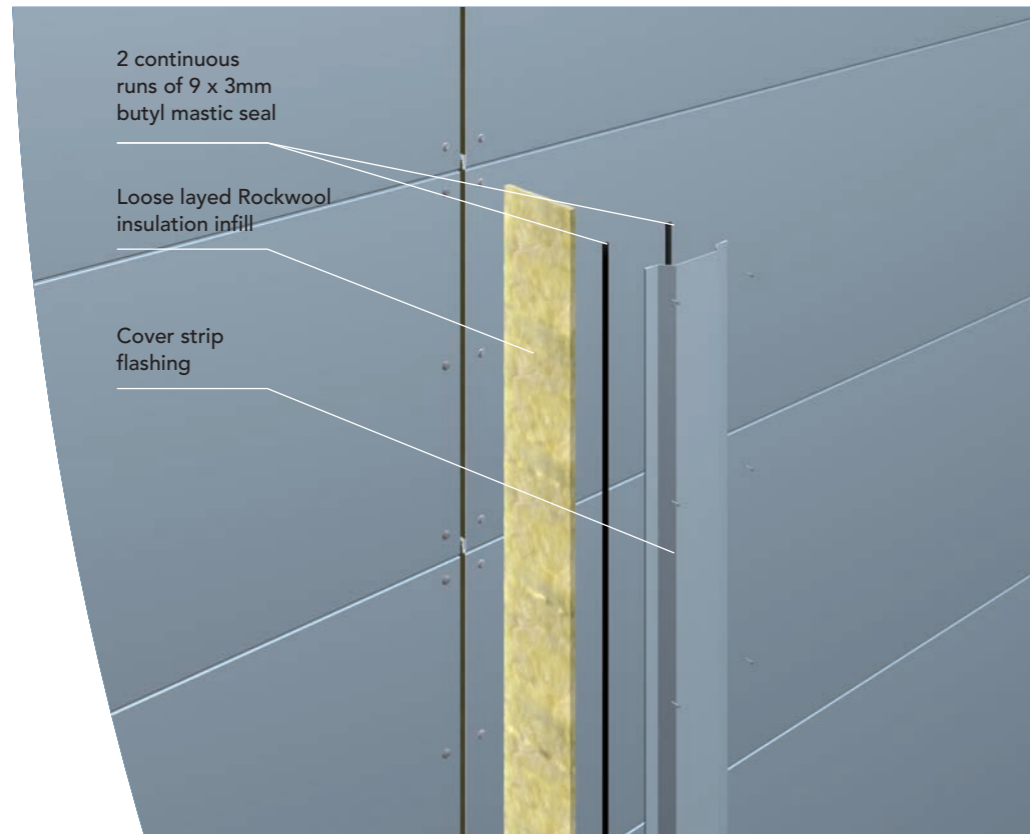
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standard details

rockspan horizontally laid

14. Fill the gap between panels at the vertical joints with mineral wool insulation (minimum 23 kg/m³ density).
15. Apply a continuous run of 9 x 3mm butyl mastic to the rear of each of each cover strip flashing flange (total 2 runs per omega).
16. Position the cover strip flashing carefully and press onto the front of the panels. Fix through the flanges of the cover strip flashing into the panel face behind with suitable austenitic stainless steel tek screws at 450mm centres.
17. Continue up the elevation ensuring the cover strip flashings are in line and butted tightly.

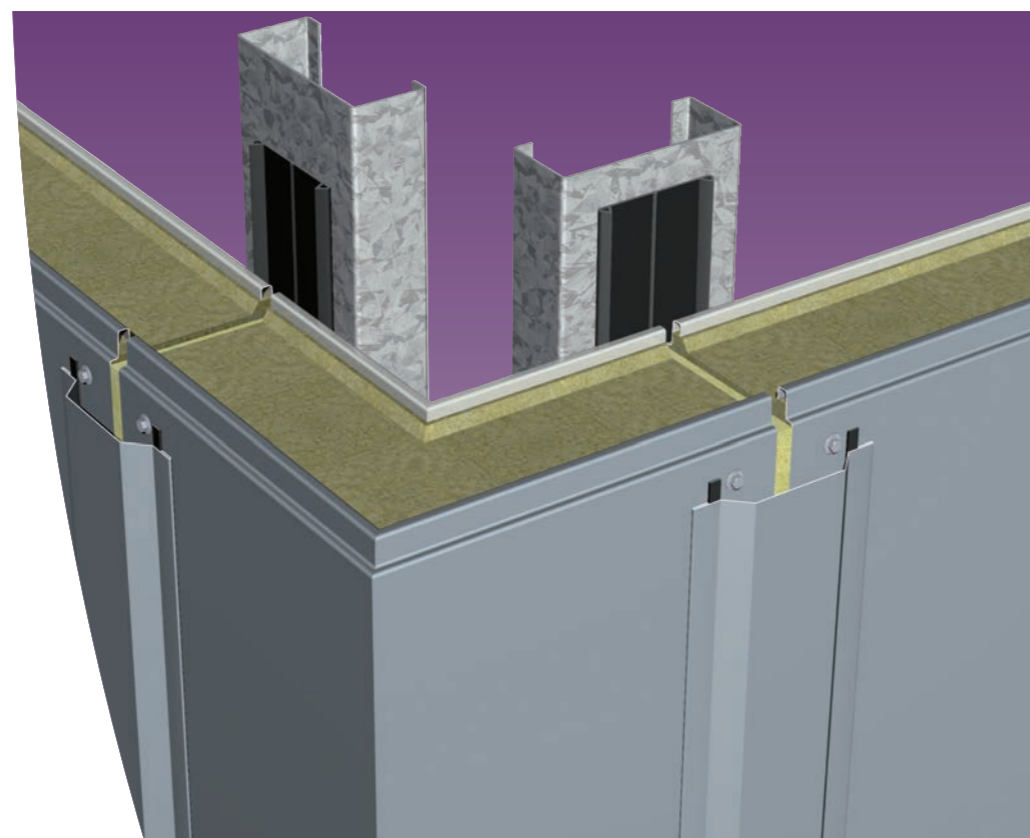


18. Continue to install panels around the building in accordance with our standard details. Full key details are available on request.

NOTE: All cut panels around doors and windows to be fully trimmed out with support steel and through fixed at 450mm centres.

Flashings to be sealed to panel using 9 x 3mm butyl mastic and fixed with suitable austenitic stainless steel tek screws at 450mm centres.

*** The number of fixings is dependant on wind loadings. Calculation to be undertaken.**



External corner panel





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