

firemaster 

installation guide

walls and ceilings

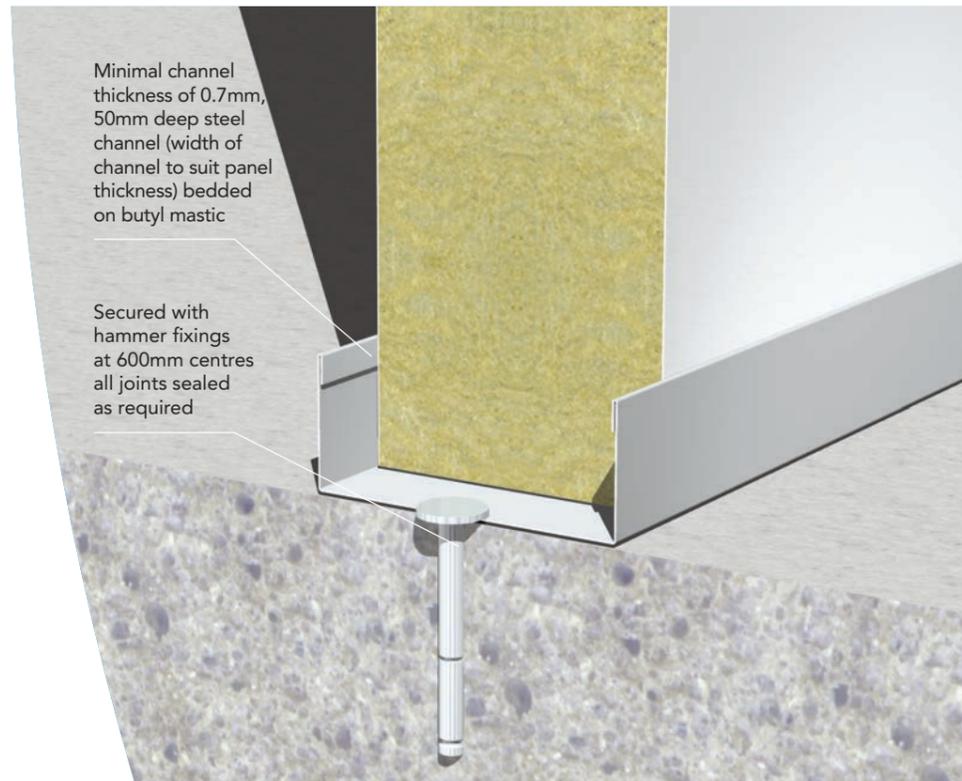


standard details

firemaster vertically laid

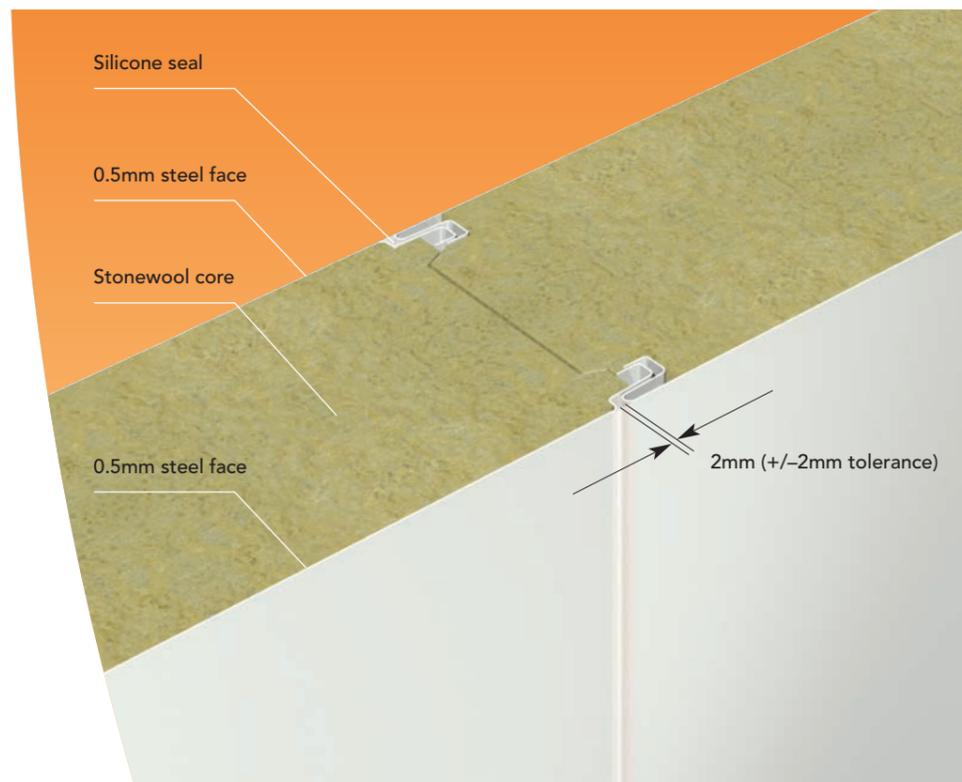
A

1. Check floor slab is level and mark a line for the base channel flashing to coincide with the head support.
2. Position the base channel flashing and fix into the floor slab at 600mm centres with a Tapcon type fixing or similar.
3. Check the steel support at the head is level and mark a line for the slotted head support angle to coincide with the base channel flashing.
4. Position the slotted head support angle (on one side of the wall only) and fix into the steel support at 300mm centres with a suitable tek fixing or shot fired nail.
5. Lift panel carefully from stack using your chosen method of handling ensuring that panels are not slid over each other. The protective film may need to be removed completely if lifting panel with a vacuum lifter.



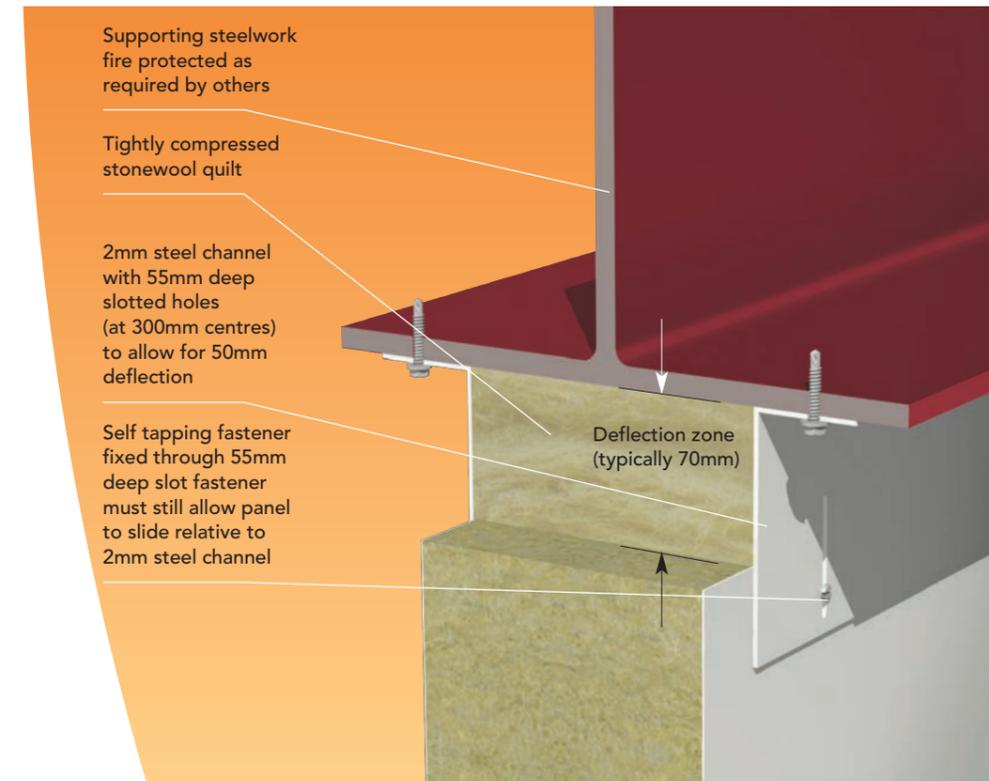
B

6. Lift panel into position and lower into the base channel flashing peeling back the protective film as necessary.
7. Ensure panel is positioned correctly and plumb before fixing through the centre of slotted head support angle at 300mm centres and base channel (dependant on detail).
8. Repeat the process for lifting the next panel into position and slide the panel across in the base channel ensuring that the vertical panel joint is tightly engaged on both faces. The vertical joint should measure 2mm nominally (subject to a +/-2mm tolerance).
9. Repeat this process for all subsequent panels.



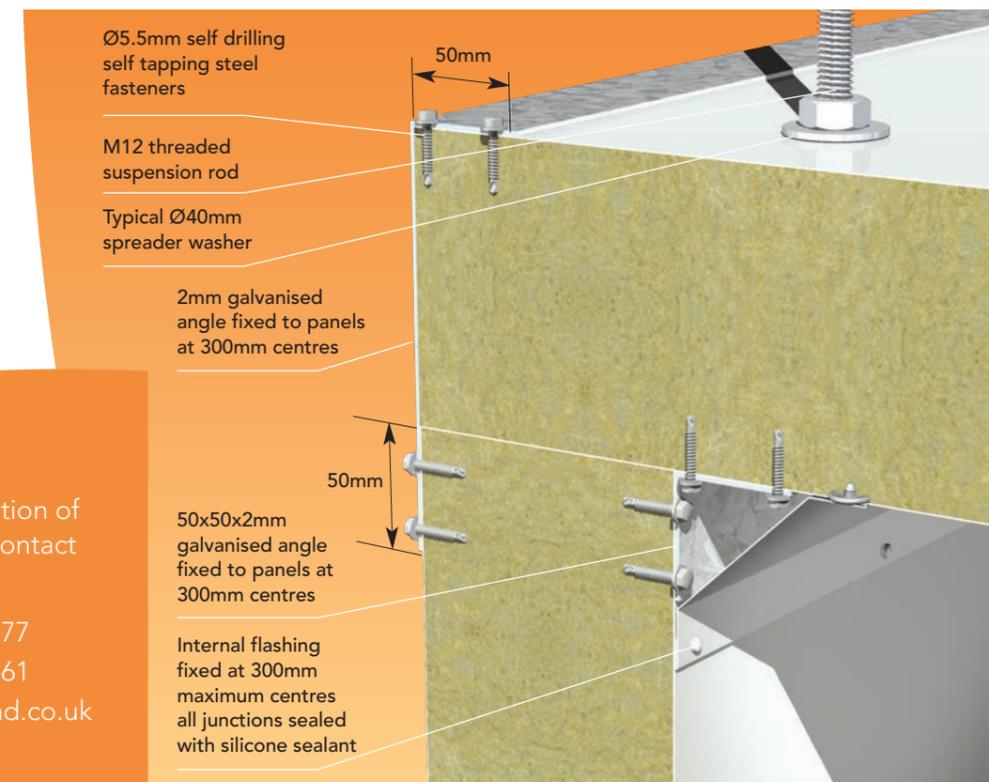
C

10. The second slotted head support angle must be installed as soon as possible to ensure the panels are fully supported.
11. Continue to install panels in accordance with Eurobond's recommendations and typical details which are available on request.
12. All voids within panel details must be packed with a mineral fibre minimum 23kg/m³ density.



D

13. All flashings and support angles must be fixed into the panels at 300mm centres unless otherwise noted on typical details.
14. Vertical panel joints and flashing details should be sealed with a suitable sealant if regular washing down or air leakage performance is required



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

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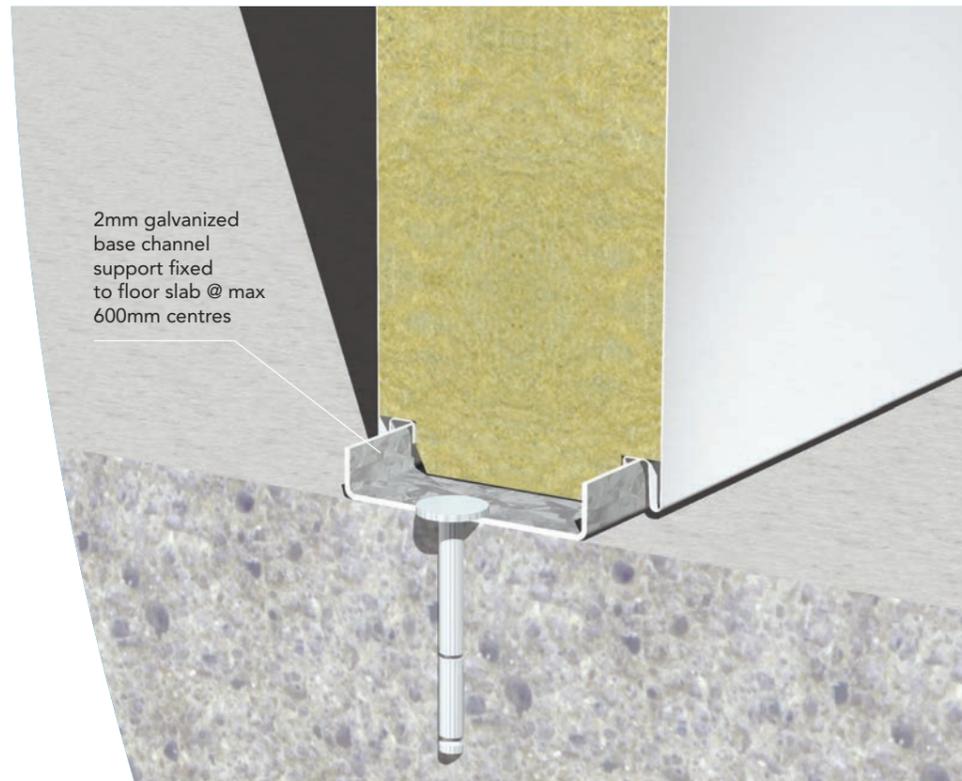
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standard details

firemaster horizontally laid

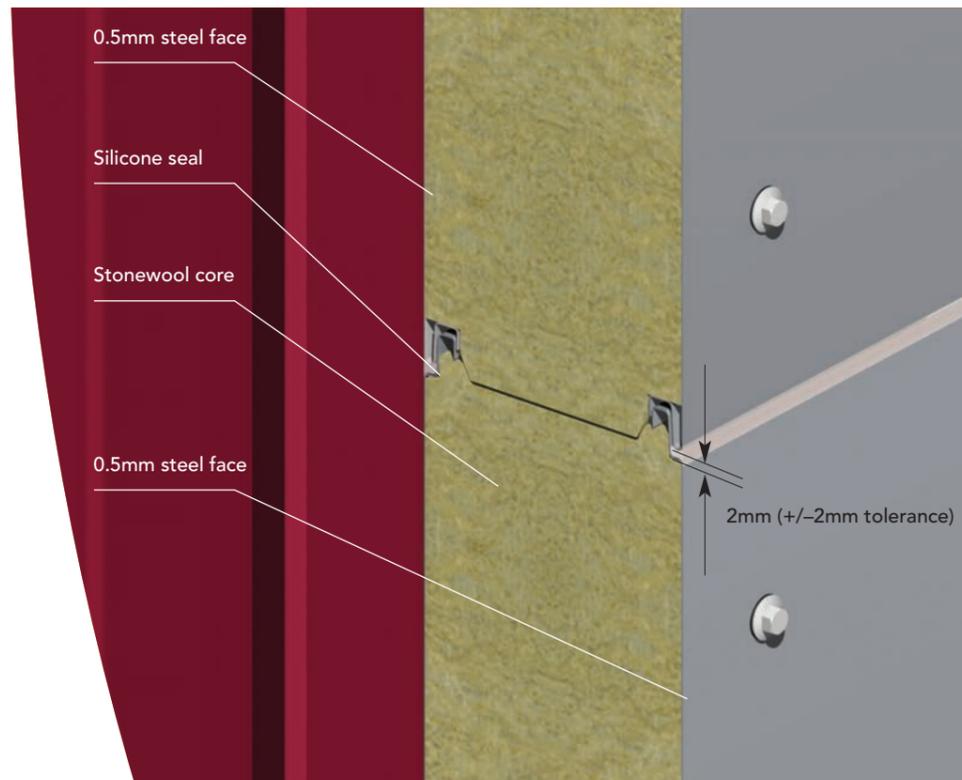
A

1. Check floor slab is level and mark a line for the base channel flashing to coincide with the head support.
2. Position the base channel flashing and fix into the floor slab at 600mm centres with a Tapcon type fixing or similar.
3. Check actual panel length on-site and mark set out point for panels taking into account steelwork and panel length tolerances.
4. Lift panel carefully from stack using your chosen method of handling ensuring that panels are not slid over each other. The protective film may need to be removed completely if lifting panel with a vacuum lifter.
5. Lift 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.



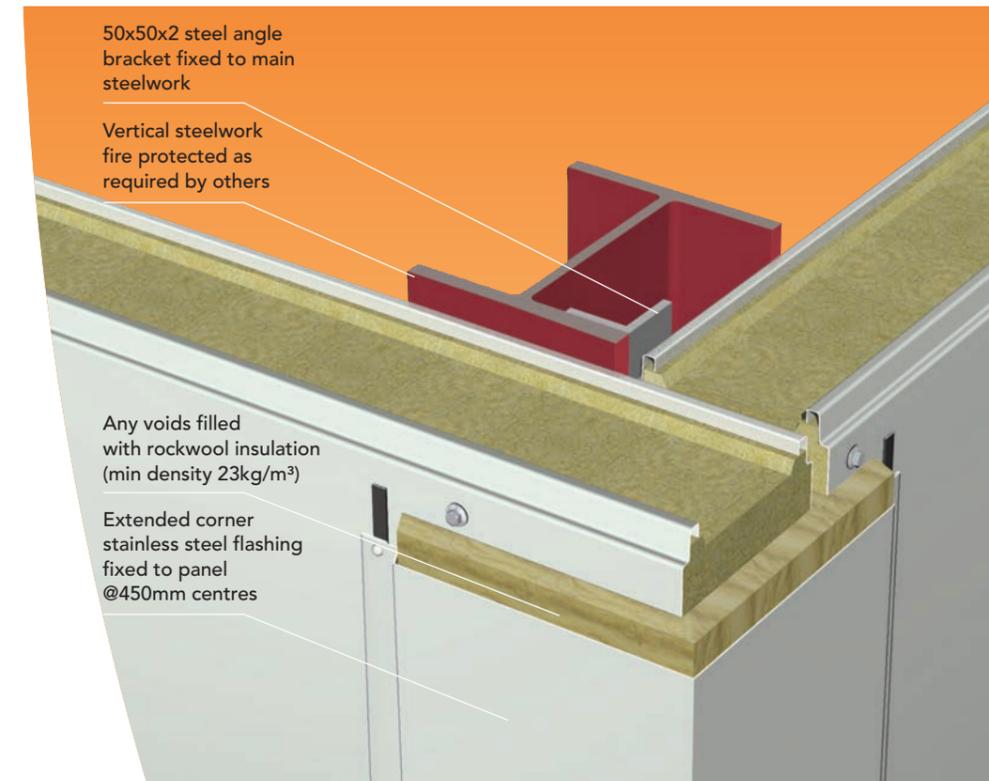
B

6. Fix the panels with a minimum of 3 No. through fixings per panel per support. 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. Repeat the process for lifting and lower the next panel into position ensuring that the horizontal panel joint is tightly engaged on both faces. The horizontal joint should measure 2mm nominally (subject to a +/-2mm tolerance).
8. Repeat this process for all subsequent panels in the bay.
9. Repeat the above to install panels in adjacent bays leaving a nominal 10mm gap between the panels at the vertical joint location. Pack the void between panels with mineral wool insulation (minimum 23 kg/m³ density). Install a cover strip flashing and fix into the panel faces at 450mm centres.



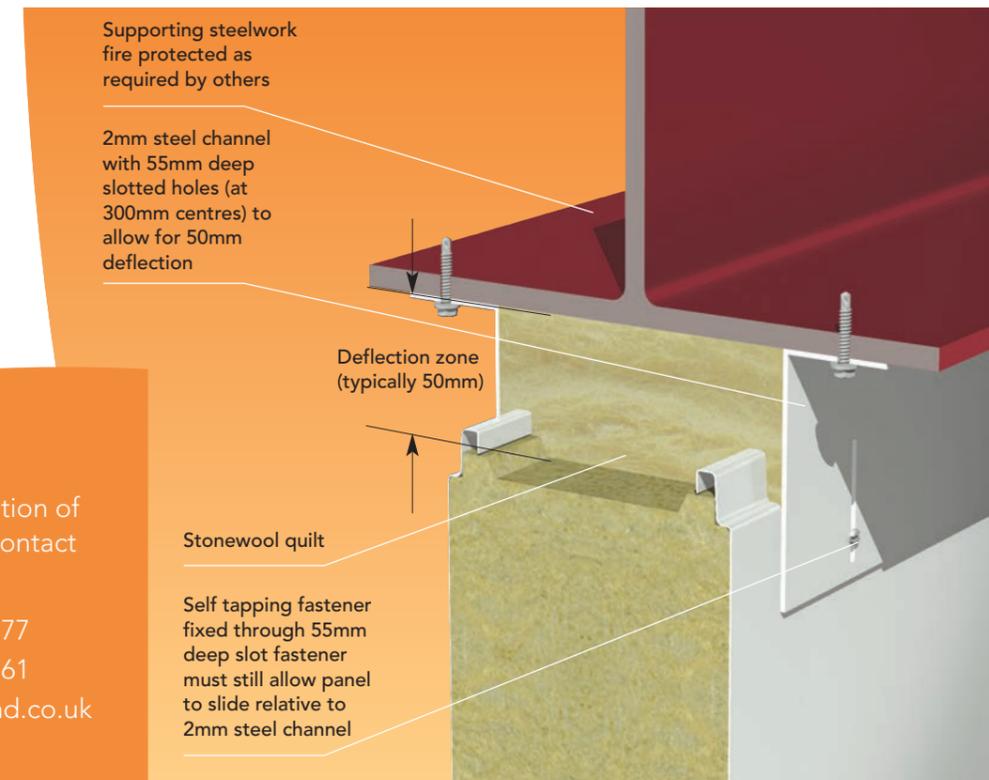
C

10. The panel at the head of the elevation should be cut where required. Position the slotted head support angle and fix into the steel support at 300mm centres with a suitable tek fixing or shot fired nail. Fix through the centre of the slotted holes into the panel faces at 300mm centres on both sides of the wall.
11. Continue to install panels in accordance with Eurobond's recommendations and typical details which are available on request.
12. All voids within panel details must be packed with a mineral fibre minimum 23kg/m³ density.
13. All flashings and support angles must be fixed into the panels at 450mm centres unless otherwise noted on typical details.



D

14. Horizontal panel joints and flashing details should be sealed with a suitable sealant if regular washing down or air leakage performance is required



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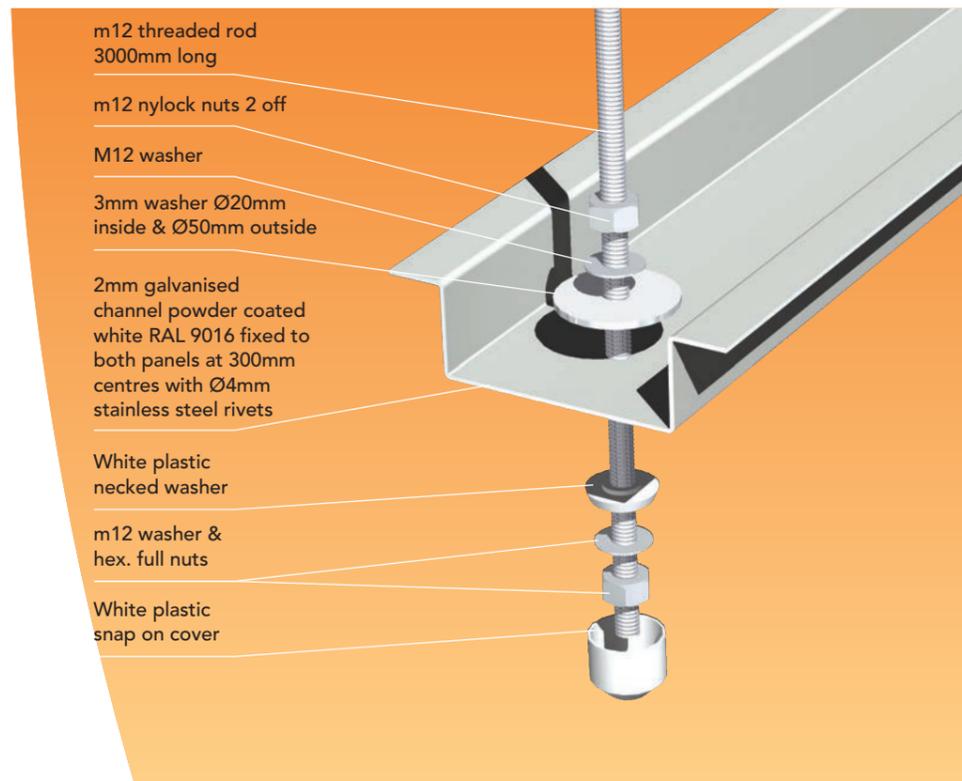
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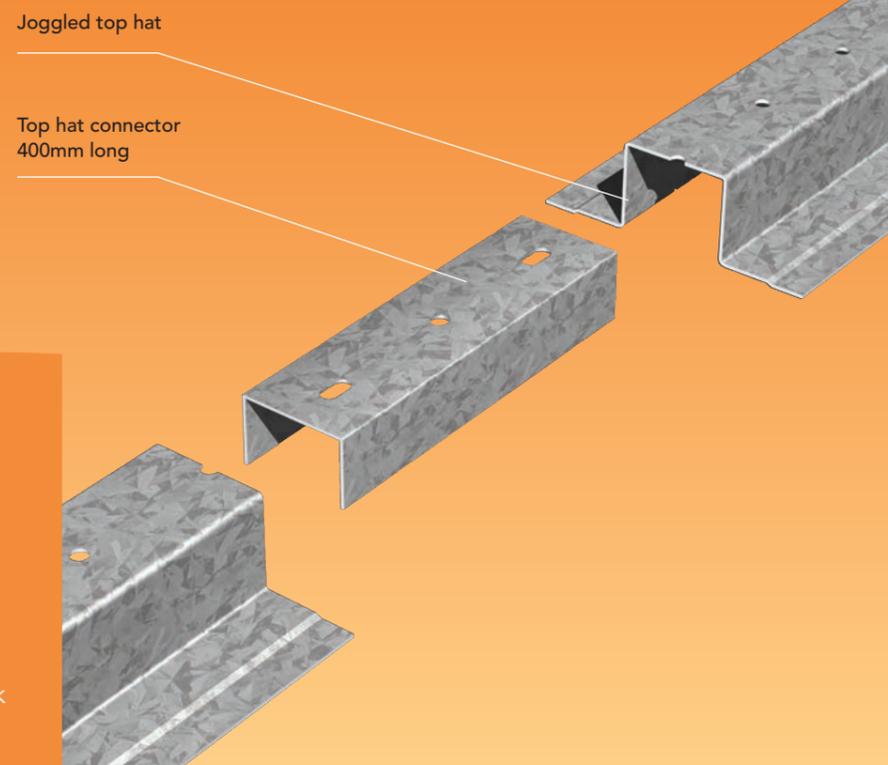
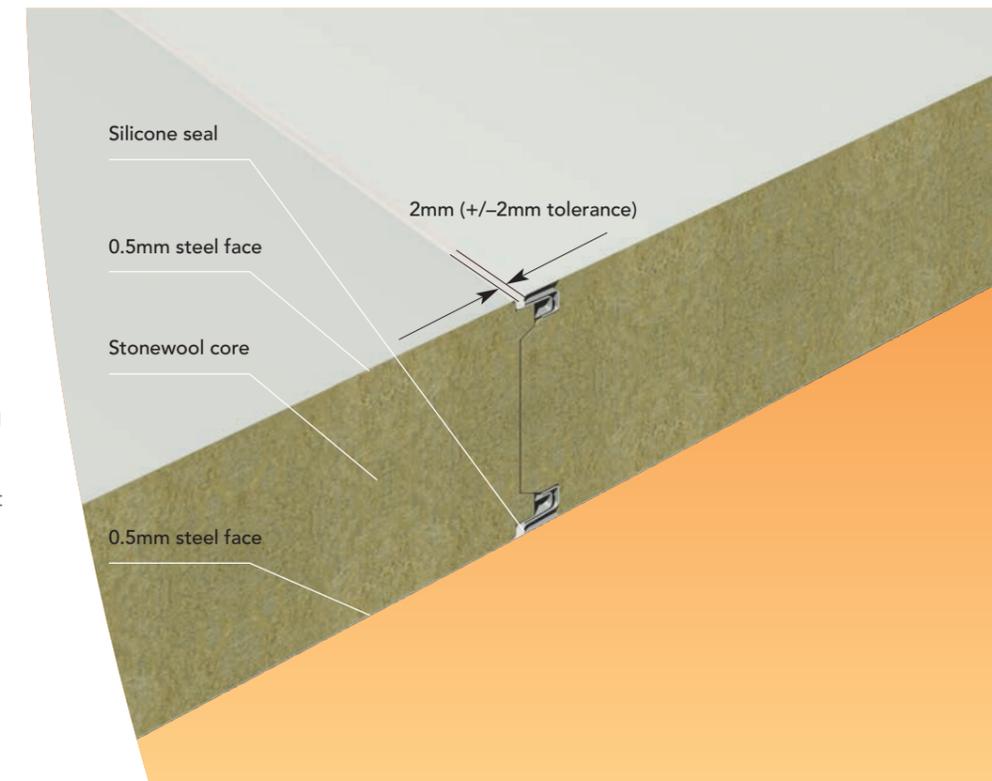
standard details

firemaster ceilings

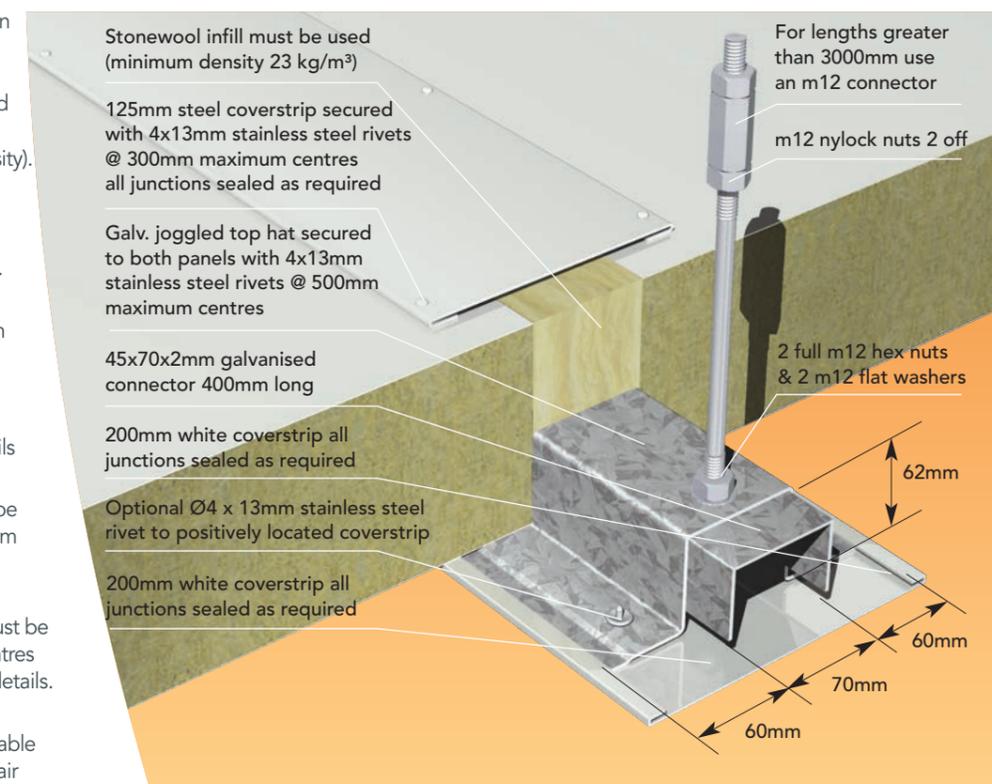
- A**
1. Fit Unistrut support assembly to structural steelwork at 1650mm centres and fix M12 threaded drop rods onto spring nut.
 2. Locate galvanised top hat and top hat connectors onto the drop rods and repeat until the entire run is installed. Ensure that the suspension system is at the correct level and set-out dimensions and are parallel to adjacent supports.
 3. Install the perimeter support angle around the edge of the ceiling ensuring that it is fully supported on threaded drop rods and will not impose any loadings onto the adjacent wall panels.
 4. Lift panel carefully from stack using your chosen method of handling ensuring that panels are not slid over each other. The protective film may need to be removed completely if lifting panel with a vacuum lifter.



- B**
5. Lift panel carefully into position and lower panel onto the suspension system and ensure the female joint of the panel is tight against the perimeter wall panels.
 6. Fix through the suspension system (and perimeter support angle) into the panel facing at 300mm centres with 4mm diameter stainless steel rivets on the underside of the ceiling.
 7. Repeat the process for lifting and lower the next panel into position ensuring that the ceiling panel joint is tightly engaged on both faces. The joint should measure 2mm nominally (subject to a +/-2mm tolerance).
 8. Repeat this process for all subsequent panels in the bay.



- C**
9. Repeat the above to install panels in adjacent bays leaving a nominal 70mm gap between the panels at the butt joint location. Pack the void between panels with mineral wool insulation (minimum 23 kg/m³ density). Install a cover strip flashing on the top side of the joint and fix into the panel faces at 300mm centres with 4mm diameter stainless steel rivets.
 10. Slide the cover strip onto the underside of the suspension system to finish the detail.
 11. Continue to install panels in accordance with Eurobond's recommendations and typical details which are available on request.
 12. All voids within panel details must be packed with a mineral fibre minimum 23kg/m³ density.



- D**
13. All flashings and support angles must be fixed into the panels at 300mm centres unless otherwise noted on typical details.
 14. Horizontal panel joints and flashing details should be sealed with a suitable sealant if regular washing down or air leakage performance is required.

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