

# EPB Plasterboard Fire Rated Systems **Supplement**

**ISSUE November 2024** 



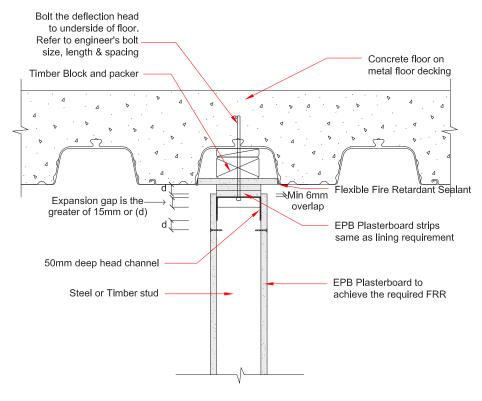
Wall with Profile detail Option 1

Date: November 2024

Scale: 1:8

CAD File: EFS-252.dwg

Reference: **EFS-252** 



Note: If Plasterboard cantilevered 75mm or more past the top screw then wall lining must be double layer d = Deflection





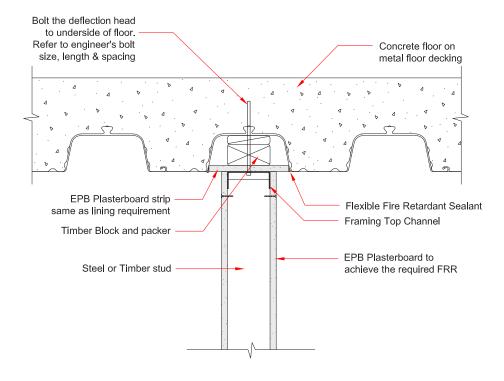
Wall with Profile detail Option 2

Date: November 2024

Scale: 1:8

CAD File: EFS-253.dwg

Reference: **EFS-253** 



Note: If Plasterboard cantilevered 75mm or more past the top screw then wall lining must be double layer

For Negligible Deflection



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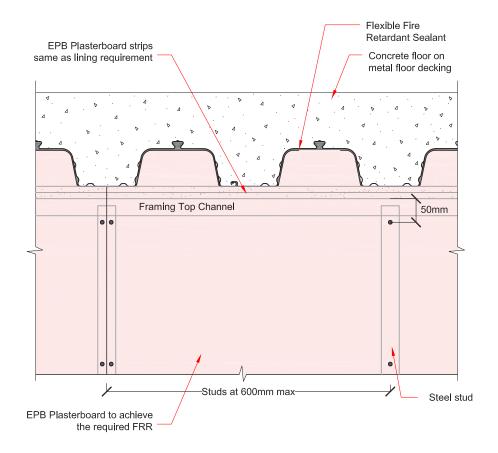
Perpendicular to profile

Date: November 2024

Scale: 1:8

CAD File: EFS-255.dwg

Reference: EFS-255



Note: If Plasterboard cantilevered 75mm or more past the top screw then wall lining must be double layer

For Negligible Deflection



Check all on site dimensions before installation and construction.



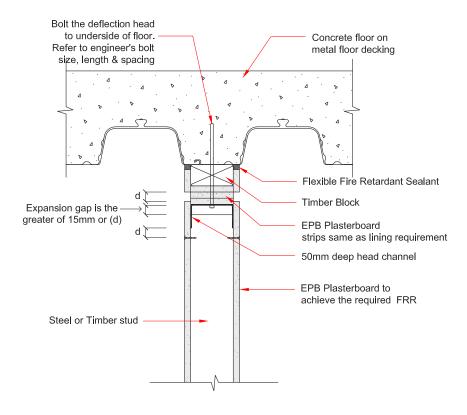
Wall with profile option 5

Date: November 2024

Scale: 1:8

CAD File: EFS-258.dwg

Reference: **EFS-258** 



Note: If Plasterboard cantilevered 75mm or more past the top screw then wall lining must be double layer d = Deflection





Wall with profile option 6

Date: November 2024

Scale: 1:8

CAD File: EFS-259.dwg

Reference: EFS-259

Bolt the deflection head to underside of floor. Refer to engineer's bolt Concrete floor on size, length & spacing metal floor decking Flexible Fire Retardant Sealant to achieve the required FRR Expansion gap is the greater of 15mm or (d) Timber Block Timber packer 50mm deep head channel Steel or Timber stud EPB Plasterboard to achieve the required FRR

> Note: If Plasterboard cantilevered 75mm or more past the top screw then wall lining must be double layer d = Deflection







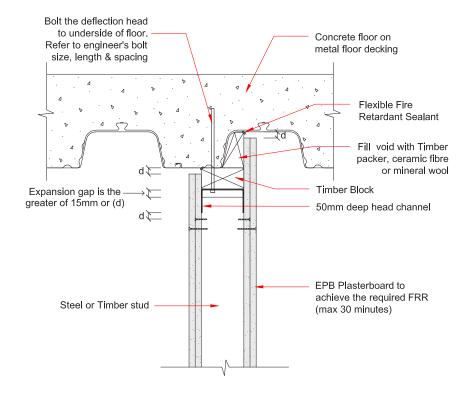
Wall with profile option 7

Date: November 2024

Scale: 1:8

CAD File: EFS-260.dwg

Reference: **EFS-260** 



Note: If Plasterboard is cantilevered 75mm or more past the top screw then wall lining must be double layer d = Deflection FRR up to 30 mins





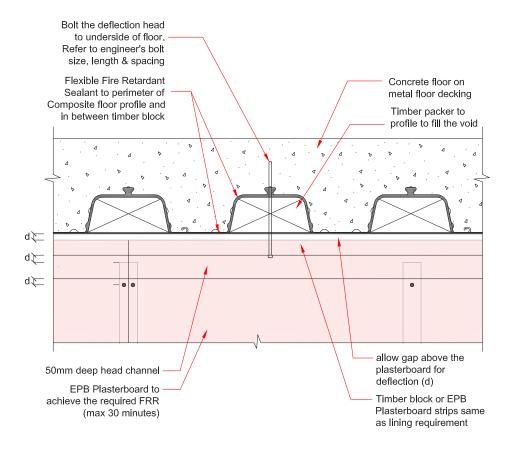
Perpendicular to profile (option 4)

Date: November 2024

Scale: 1:8

CAD File: EFS-262.dwg

Reference: **EFS-262** 



Note: d = Deflection





Wall to profile Junction

Date: November 2024

Scale: 1:8

CAD File: EFS-264.dwg Reference: **EFS-264** 

Fill with mineral wool or ceramic fibre depending on FRR and STC rating. FRR of mineral wool or ceramic fibre infill needs to be confirmed by the supplier. Glass Wool insulation is Concrete floor on acceptable for a contained void. metal tray formwork Flexible Fire Retardant Sealant Steel plate of 0.55mm Min 15mm Expansion gap Framing top channel EPB Plasterboard strips same as lining requirement EPB Plasterboard to achieve the required FRR and STC Steel or Timber framing

For Negligible Deflection



