

| Assembly # | Stud Size (mm) | Steel | | | Cavity Fill | Interior Lining |
|------------|----------------|----------------|--------------|--------------|---|------------------------------|
| | | Thickness (mm) | Coating | Grade | | |
| FC PW 1 | 75 to 100 | 0.75 to 2.00 | Z180 to Z350 | G350 to G550 | Rockwool Density of 40kg/m ³ | FRAMECAD® 9mm Pro-mag™ Board |

Framing and Wall Height

FRAMECAD® Stud width shall be 35mm minimum.
Stud spacing shall be at 610mm centers maximum.
Frame height as determined by specific design.

Cavity Fill (Optional for sound control)

Rockwool or Glasswool Insulation. Avoid creating gaps and spaces, as they will allow warm air to bypass the insulation and escape. Cut insulation to size using a sharp utility knife, allowing an additional 25mm (1") to both the width and length for a snug fit.

Rockwool cavity insulation density of 40 kg/m³ or as per local building regulations.

Lining

One layer of FRAMECAD® 9mm Pro-mag™ magnesium oxide board on each side of the FRAMECAD® cold formed steel wall frame.

Vertical fixing. Full height sheets shall be used where possible.

Horizontal fixing is permitted as long as all end sheet joints are formed over framing.

When sheet end butts joints are unavoidable, they shall be fixed at 200mm centres and formed over framing.

Linings are fixed 10mm off the floor.

Fastening

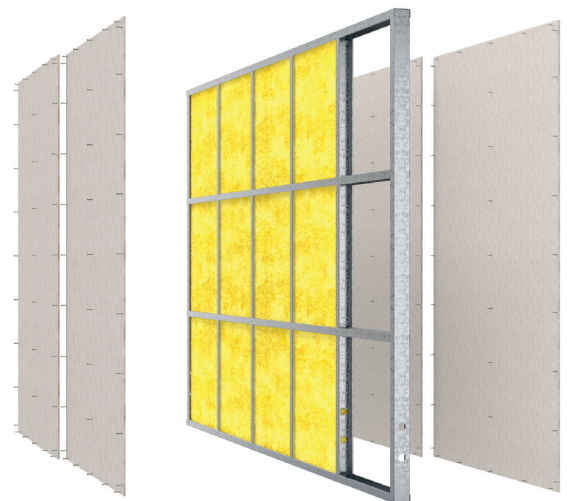
Lining

FRAMECAD® 9mm Pro-mag™ magnesium oxide Board to be fixed using 001848 FRAMECAD® 6g x 32mm Bugle Head, Drill Point screws, at 300mm centers along sheet perimeter and centre studs. Fastening placement should be 12mm from sheet edge and 50mm from sheet corners.

Note: FRAMECAD® recommends a glue and screw method to ensure linings are affixed to wall, ceiling and floor frames. Glue dabs must be intermittent with a minimum distance of 100mm from fastening placement.

Jointing and Finishing

All screw / fastener heads should be covered with joint compound and all sheet joints to have reinforced tape and be stopped / jointed in accordance with the stopping / jointing compound manufacturers recommendations.



NOTE: In order for FRAMECAD® Wall Solutions to perform as designed all components must be installed exactly as prescribed. Substituting building components may produce an entirely different solution and may seriously compromise performance.

FRAMECAD® Design and Build System encompasses a full range of building FRAMECAD® Sub-Assemblies that meet fire, thermal and acoustic values, or that are suitable for general lining and cladding. For details on the appropriate assembly for your project please contact us. www.framecad.com

DISCLAIMER:

This document is current as at July 2015 and supersedes all previous versions of the FRAMECAD® FC PW 1.

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