

Assembly #	Stud Size (mm)	Steel			Interior Lining	Cavity Fill
		Thickness (mm)	Coating	Grade		
FC C 2	FRAMECAD® Ceiling Battens	Batten 0.55 Minimum	Z180 to Z275	G350 to G500	FRAMECAD® 9mm Gypsum Board	Rockwool Density of 40 kg/m ³

Ceiling Batten

FRAMECAD® Ceiling Batten spacing shall be at 450mm centers maximum.

Cavity Fill (Optional)

Glasswool Insulation. Avoid creating gaps and spaces, as they will allow air to bypass the insulation and escape. Cut batts to length by setting the top of the batt into the space and cutting with a sharp utility knife. Leave an extra 25mm (1/2 inch) of length for a complete fit. Stuff strips of batting into spaces. The insulation should fit snugly, don't pack it.

Lining

One layer of FRAMECAD® 9mm Gypsum Board fixed to FRAMECAD® cold formed steel ceiling battens. Full length sheets shall be used where possible. All butt joints must be formed over framing.

Linings are fixed flush with wall lining.

Fastening

Ceiling Lining

FRAMECAD® 9mm Gypsum Board to be fixed using 001848 FRAMECAD® 6g x 32mm Bugle Head, Drill Point screws, at 300mm centers along sheet perimeter and center studs. Fastening placement should be 12mm from sheet edge and 50mm from sheet corners. All end joints must be touch fit.

Note: FRAMECAD® recommends a glue and screw method to aid linings being 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 heads to be stopped and all sheets joints to have reinforced tape and stopped in accordance with the stopping / jointing compound manufacturers recommendations.

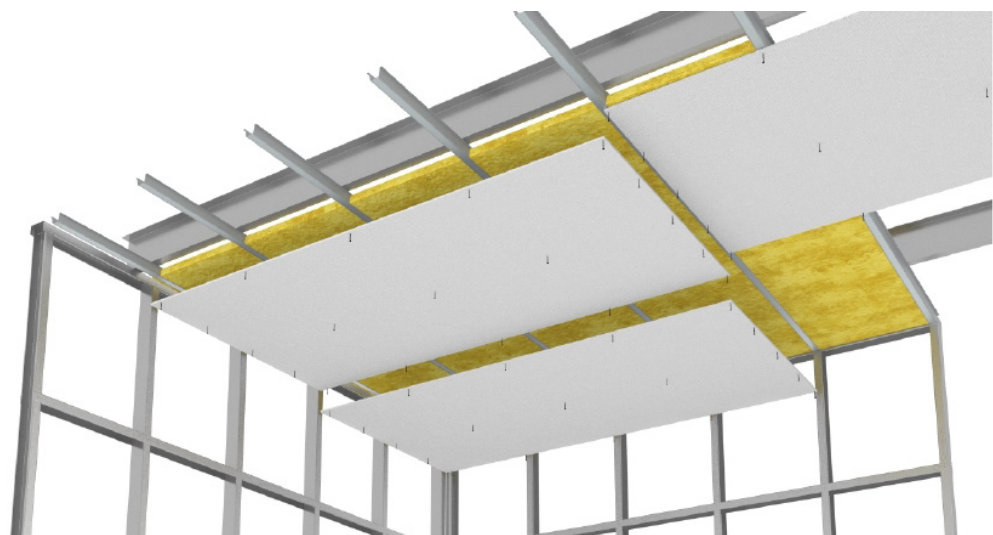
Fire Stopping

Seal any gaps and service penetrations with an intumescent sealant to prevent penetration of flame.

Acoustic Stopping

Sound seal location, at junctions between drywall frame and adjoining structure. Sound seal is to be provided as a continuous band to clean, dry, dust free surfaces, leaving no gaps. Seal any gaps and service penetrations.

Refer to the FRAMECAD Gypsum Board Technical Guide for cold formed steel construction for full details on installation, jointing and finishing.



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.

