

## FC C 1 - 9mm Magnesium Oxide Board - Internal Ceiling

Assembly #	Stud Size (mm)	Steel			Interior lining	Cavity Fill
		Thickness (mm)	Coating	Grade		
FC C 1	FRAMECAD® Ceiling Battens	Batten 0.55 Minimum	Z180 to Z275	G350 to G550	FRAMECAD® 9mm Magnesium Oxide Board	Rockwool Density of 40 kg/m <sup>3</sup>

**Ceiling Batten**

FRAMECAD® Ceiling Batten spacing shall be at 610mm centers maximum.

**Cavity Fill (Optional)**

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/m<sup>3</sup>.

**Lining**

One layer of FRAMECAD® 9mm Magnesium Oxide 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.

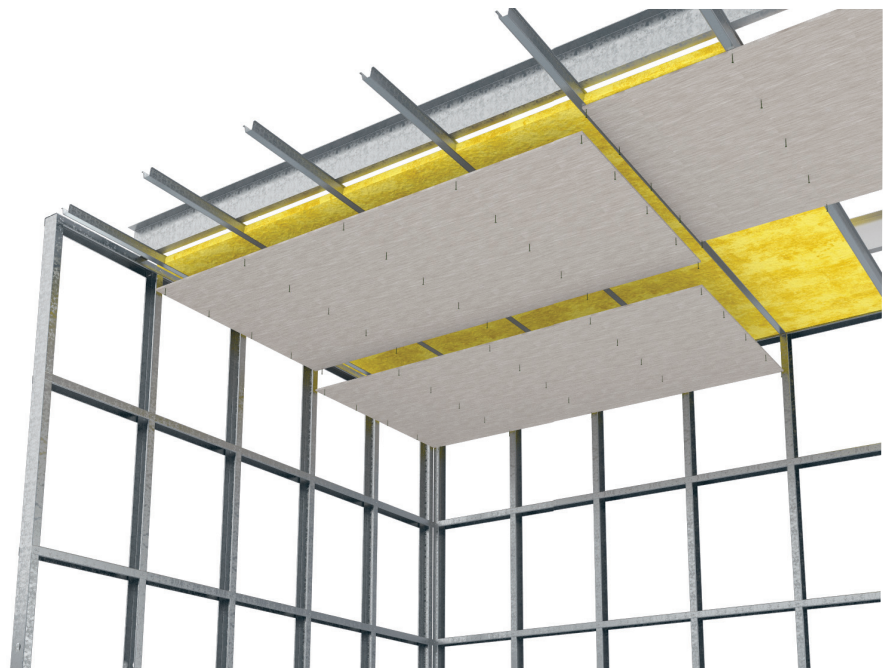
**Fastening**
**Ceiling Lining**

FRAMECAD® 9mm 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 battens. Fastening placement should be 12mm from sheet edge and 50mm from sheet corners. All end joints must be touch fit.

*ote: 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 stopped / jointed in accordance with the stopping / jointing compound manufacturers recommendations.



NOTE: In order for FRAMECAD® Wall Solution 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](http://www.framecad.com)

**DISCLAIMER:**

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

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