FC R 1 - Corrugated Sheeting - Roofing

Assembly #	Stud Size (mm)	Steel			Roofing	Underlay
		Thickness (mm)	Coating	Grade		
FC R 1	FRAMECAD® Roof Battens	Batten 0.55 Minimum	Z180 to Z350	G350 to G550	FRAMECAD® Corrugated Steel Sheeting	FRAMECAD® Tuff Stuff Wrap

Battens

FRAMECAD® Batten spacing shall be at 900mm centers maximum.

Roofing
One sheet of FRAMECAD® Corrugated Steel Sheeting fixed to FRAMECAD® cold formed steel roof battens.

Minimum roof pitch 8 degrees.

Underlay
Install with a 150mm overlap between runs, with each higher run lapping over the layer below. The product must be installed in such a way to prevent water from pooling. The wrap may be installed across spans up to 1200mm without the need of a supporting mesh. Install roofing material without delay.

To be effective as a thermal insulator there must be a minimum air gap of 40mm adjacent to at least one reflective foil face.

Note: Aluminum foil is susceptible to alkali attack and therefore should not come in contact with wet concrete.

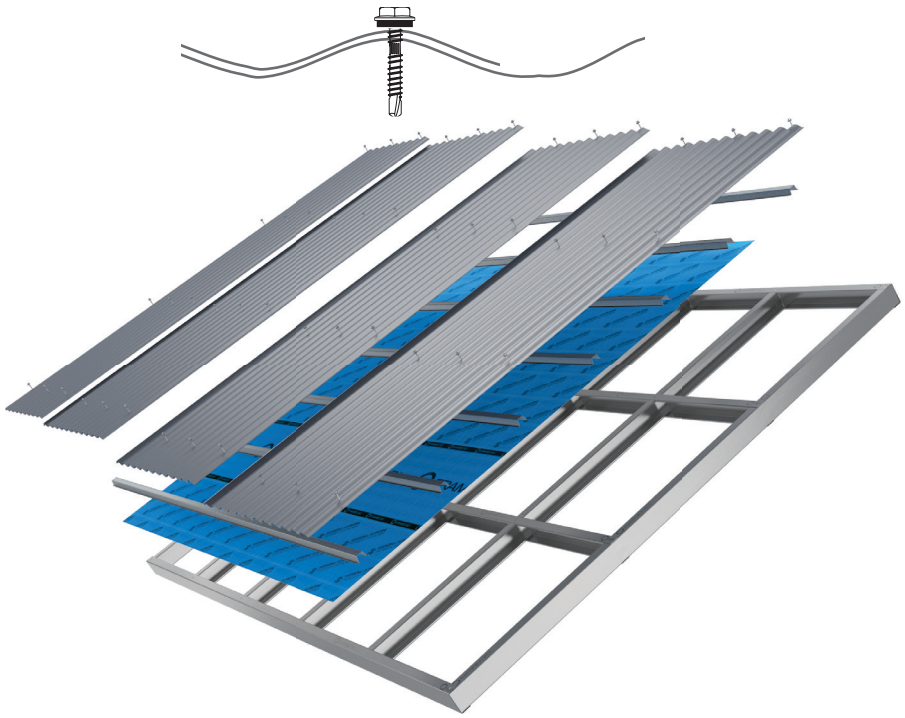
Fastening

Roofing
FRAMECAD® Corrugated Steel Sheeting to be fixed using 002409 FRAMECAD® Hex Head, 12g x 25mm Drill Point screws with EPDM Washers, at 300mm on all roofing battens. Fastening placement should be through the middle of each batten and positioned on the ridge of the corrugation.

Jointing
All sheets should be lapped so that the top sheet ends are on top of the bottom sheet to prevent water ingress.

If end lapping is required ensure that top sheet laps a minimum distance of 250mm over the bottom sheet.

The correct way to lap sheets



NOTE: In order for FRAMECAD® Roof 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.

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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**