All roofing and cladding products are subject to the cumulative effects of weather, dust and other deposits. Normal rain washing will remove most accumulated atmospheric contaminants from roofs. For wall cladding, manual washing every 3 to 12 months, depending on the paint system, is recommended in moderate to very severe environments to prevent accumulation of dirt, debris or other material not removed by rain washing. For areas that do not receive any or adequate rain washing (called unwashed areas) such as soffits, wall cladding under eaves, underside of gutters, fascias, sheltered areas of garage doors and unwashed roof areas, more extensive manual washing may be required.

### Purlins

FRAMECAD® Purlin spacing shall be as determined by engineer.

### Roofing

One layer of FRAMECAD® Broad Sheet Tray Roofing fixed to FRAMECAD® cold formed steel roof purlins. Minimum roof pitch 5 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. If using Foil Faced Underlay, for it 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.

**Note:** For regions that require snow loading the use of OSB plywood is essential. This is to be installed between the FRAMECAD® purlin and the underlay using 001848 FRAMECAD® 6g x 32mm screws.

### Fastening

**Roofing**

FRAMECAD® Broad Sheet Tray Roofing is screw fastened to FRAMECAD® steel purlins using 001539 FRAMECAD® 10g x 16mm Phillips Drill Point screw, along each tray purlin spacing.

**Maintenance**

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FRAMECAD® Design and Build System deliver a full range of building FRAMECAD® Sub-Assemblies that meet fire, thermal and acoustic values. For details on the appropriate assembly for your project please contact us.

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