



Sanigrid Ceiling Grid

Details

Sanigrid is an all-fibreglass ceiling grid system which resists moisture in high humidity and chemical environments. The Sanigrid fibreglass ceiling grid system will not rust, pit, dent or peel like metal grid systems and it is very easy to install. The Sanigrid ceiling grid system uses a series of pre-notched main tees and cross members to lock the grid together. The entire Sanigrid ceiling grid system snaps together quickly for faster installation.



Applications

- Chemical processing plants
- Laboratories
- Restrooms
- Locker rooms
- Dormitories
- Kennels and catteries

Features

- Will never rust, pit, dent or peel
- Snaps together quickly for faster installation

Standards

- Fire Rating - Class A per ASTM E-84.

NSW

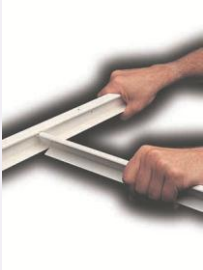

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Technical Data

Product Name:	Sanigrid Ceiling Grid System	
Product Description:	Fibreglass ceiling grid system	
Finish:	Smooth	
Product Code:	SAN	
Colour:	White	
Grid Size:	0.6 m x 1.2 m	
Rating:	Light Duty: 10kg Hanger Wire Spacing: 1.2 m/oc Intermediate Duty: 20kg Hanger Wire Spacing: 0.6 m/oc Heavy Duty: 30kg Hanger Wire Spacing: 0.3 m/oc	
Product Name:	Glasbord with Surfaseal	
Product Description:	Fibreglass reinforced plastic panel	
Finish:	Embossed	
Product Code:	CGI	
Colour:	White	
Thickness:	2.5 mm	
Width x Length:	0.6 m x 1.2 m	
Flexural Strength:	69 MPa	
Flexural Modulus:	6722 MPa	
Tensile Strength:	25 MPa	
Tensile Modulus:	9653 MPa	
Barcol Hardness:	60	
Izod Impact:	0.34 J/mm	
Water Absorption:	0.16% / 24hrs @ 25°C	



Details

Sanigrid Ceiling Grid System

1. Install Sanigrid wall angle at desired height around perimeter of room in the usual manner. Use non-corrosive fasteners appropriate for wall material. Pre-drill appropriate size hole for fastener's.
2. Install hanger eyes and wire at appropriate spacing per chart. Use galvanised anchors and 12 ga. galvanised, monel, or stainless steel wire. (Use corrosion-resistant materials suitable for the intended environment).
3. Secure main runners to hanger wires and make leveling adjustments. Where main tees butt, secure with connector clip. Additional holes may be drilled in main tees as required for proper alignment with hanger wires. Space holes no closer than 102mm (4") from end of tee or another hole.
IMPORTANT: Light fixtures must be installed to hang independently of the grid system.
4. Where the main runner meets the wall angle, cut away the face of the runner so that the vertical web will rest on the wall angle. Scoring the runner on both sides of the vertical and horizontal web will assist in providing a clean break.
5. Install a wall anchor clip and a diagonal hanger wire. This will prevent shifting and misalignment of the main runners.
6. Install cross tees by positioning tee at the cross tee notch on the main tee. Both ends must be positioned at the same time. Then simply twist the cross tee into position. At the cross tee wall angel junction, cut away the face and install wall anchor as was done for the main runners.
7. Install lay-in ceiling panels in the usual manner.
8. Install two hold down clips along the cross tees only. Hold down clips are intended only to hold panels in position. They will not prevent warping under severe conditions.



Sanigrig Ceiling Panels

When FRP panels are used in conjunction with metal overlay grid system, the space between the panel and the grid system may be unacceptable. This issue is highlighted with the use of smooth FRP panels as illustrated in the photos below.

Using heavy duty grids with lip and flange may result in a space with FRP panels are installed in the grid.

When FRP panels are placed in the grid, there will be a space due to the design of the grid. This spaced is accented, when using smooth panels.

For best results please use only butt end ceiling grid systems or the Sanigrig Fibreglass ceiling grid system when installing FRP as a ceiling panel.