

Global Roofing Solutions Walkways



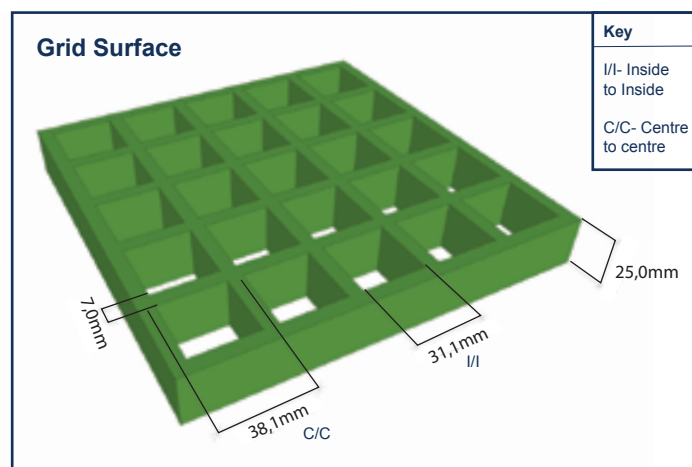
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Fiberglass Walkways

Combining unmatched corrosion resistance with strength, long life and safety, Fibergrate® Composite Structures Inc. sets the standard for fiberglass reinforced plastic (FRP) molded products. Fibergrate® products are lightweight and easy to fabricate.

Feature	Benefit
Fiberglass Construction	Won't rust, resists corrosion, virtually maintenance free and doesn't need painting.
Non-Slip Surface Finish	Either miniscus or grit surface provides excellent slip resistance in both directions, thereby reducing slips and falls.
Optimum Glass Fibre Content	Increases load carrying capabilities and corrosion resistance.
One Piece Moulded Construction	<ul style="list-style-type: none"> - Strength in both directions - No loosening with use - Easier to fabricate and install, - No end banding required.
Non-Conductive	Provides electrical insulation and doesn't conduct heat.
1/3 The Weight Of Steel	Allows installation of larger sections, easier to handle and remove for maintenance.
Tapered Bar Construction	Facilitates cleaning- prevents build up of debris.
Available Colours	Green and Grey.
Ease Of Fabrication	Can be fabricated and installed using hand tools, does not require welding or banding.



Square Mesh

Load bar Width ±6,5mm	Open Area 70%
Load bar Centres 38mm	Approx. Mass 18.3kg/m²

Hole Centres and Depth (MM)	Panel Sizes Lenght X Width (MM)	Weight of Panel (KG)
38 x 38 x 25	3660 x 585	55

Resin System

CORVEX - A high grade polyester resin system, which is designed for medium industrial and chemical processing applications. ASTM-84 flame spread rating of 20 or less.

Resin Type	Resin Base	Description	Corrosion Resistance	Flame Spread Rating-ASTM EB4	Standard Colours Available
VEFR-25	Vinyl Ester	Superior Corrosion & Fire Retardancy	Excellent	Class 1.25 or less	Green or Grey

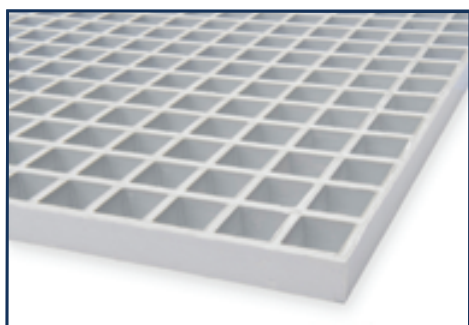
Note

Special application for Resin options.

Slip Resistant Surfaces

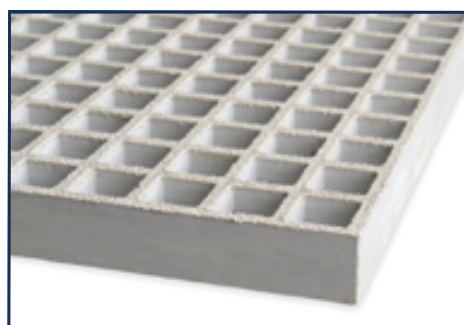
Slips and falls are the second leading cause of industrial accidents. That is why two slip resistant surfaces for a walkway solution was developed. These surfaces include meniscus and integrally applied grit tops in the Fibergrate resins.

Available Surfaces for Molded Grating



Meniscus Top

The concave surface of Fibergrate® meniscus top grating provides superior slip resistant footing in most environments including wet or oily conditions, and is the standard surface for all Fibergrate molded gratings.



Integrally Applied Grit Top

The optional grip top of Fibergrate® grating has a quartz grit which is integrally applied, cured and sealed onto the surface providing excellent slip resistant footing.

Fastening Clamps & Assembly

Panels can be cut using traditional carpenter's tools such as a saber saw or circular saw. For large jobs, we recommend using diamond grit blades, or tungsten carbide grit-edged blades for better performance. In the event your project requires precision cutting and your comfort level is not up to the task, our factories can custom cut your grating to your specific design requirements thus insuring accuracy the first time while reducing unnecessary waste. This saves you both time and money.

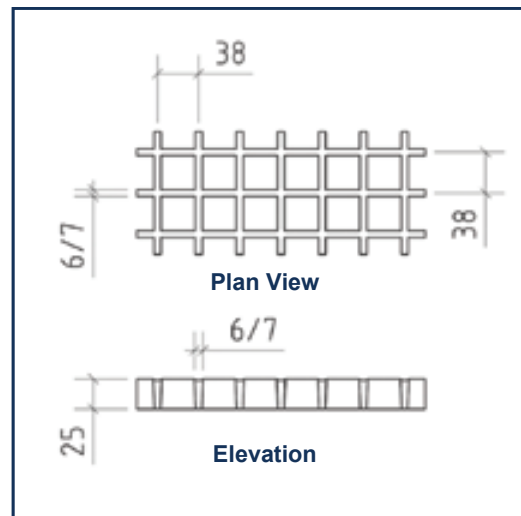
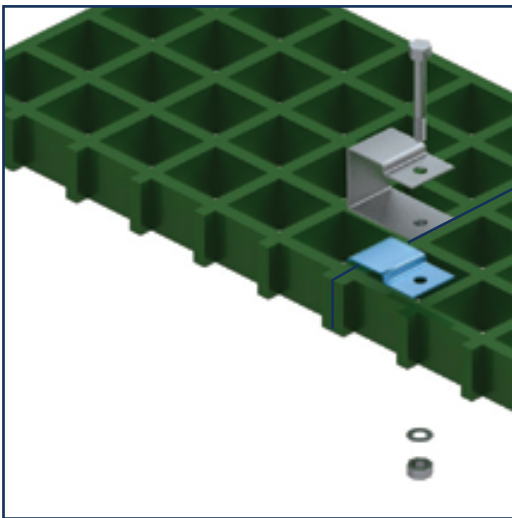
Typically there are two main clamps used to tie into place and are made of Stainless Steel.

C-Clamp

C-Clamp



C-clamps are designed to tie two neighbored panels of molded fiberglass gratings together. This helps to minimize differential deflections when their joints fall between supports. The installation is from the top side of the fiberglass grating walkway.

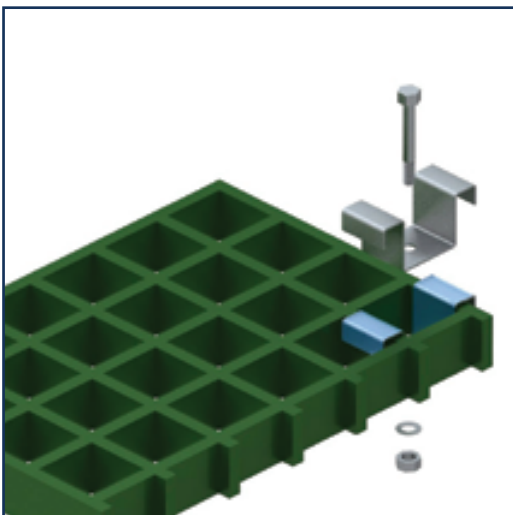


M-Clamp

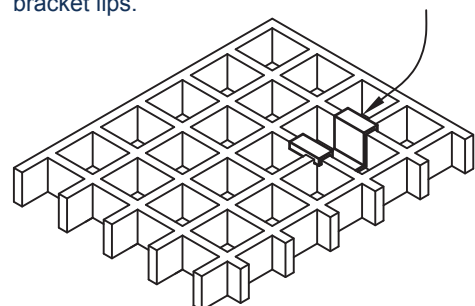
M-Clamp



M-clamps (also known as saddle clips) clamps 2 fiberglass grating load bars to the GRS PV-Clamp. This provides excellent holding ability.



The rib of the sheeting determines the position required for the M-Clamp. In order to align correctly it is necessary to cut out an appropriate cross member, and also notch out the two adjacent cross members to clear the bracket lips.



Aluminium Walkways

Access Systems

Protect your roof sheeting against damage by installing Roof Grip Systems. Modern aluminum alloys ensure this product will add years onto the useful life span of your roof.

- Control access to the roof space
- Reduces damage to the roof sheeting
- Creates safe access when working at heights

Elements include:

- Light Weight
- Anti-Slip
- Corrosion resistant
- Durable

By distributing the imposed loads over a wide area the product preserves the integrity of the installation. No degrading of the roof takes place during installation.

AMPLIGRIP has a non-slip; it is light weight, durable and hard wearing. AMPLIGRIP can be designed into almost any floor grating application at a very competitive life cycle cost.

Roof Grip Specifications

Code	Width	Length
RG 600	600mm	6m

A wide variety of fixing brackets are available as these vary with the roof sheet type. We recommend the following number of brackets to be fitted to the specified width.

Code	No. of Brackets
RG 600	4

AMPLIGRIP Expanded Aluminium Grating

Is ideally suited to the manufacture of:

- Access walkways for outside and inside of buildings
- Façade cleaning walkways
- Pedestrian bridges
- Air ventilation covers





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