

# **OPTIONS**

#### **Colours:**

White, Light Grey, Yellow, Orange (Type V), Red (Type P), Dark Grey (Type O) Green (Type I), Blue

### To Order:

All resin types are available in any RAL colour\*

#### Dimensions:

Panel heights : 25 mm | 30 mm | 38 mm 50 mm Panel lengths : 2440 mm | 3050 mm 3660 mm | 6100 mm Panel widths : 915 mm | 1220 mm Openings : 33% | 40% | 50% | 60% Custom sizes to order

#### **Additional Options:**

Choice of colour Gritted top surface Covered & gritted top surface Manufactured/fabricated to size prior to delivery Full range of fasteners Full specifications and performance data for this product range are available upon request.

\*Note: pultruded gratings are available to order. Please contact us for further information on lead times

## BENEFITS

- Cost effective replacement for metal gratings
- High loading capacity product
- Long lasting & durable
- Little or no maintenance requirement
- Suitable for all environments, exterior or interior
- Fire retardant: tested to ASTM E84 & D635
- Corrosion & chemical resistant (full details available)
- Impact resistant
- Relative light weight makes for easy transport & handling
- Rapid & easy installation: wide choice of fasteners to suit all on-site conditions
- Low electrical conductivity
- Full range of RAL colours available to order\*
- Easily cleanable
- Free cutting service\*

\*subject to order type & size

## **APPLICATIONS**

Typical applications:

- Platforms
- Gully/drain channel covers
- Walkways
- Bridge decking
- Marina & waterside applications

SPECIFICATION

### **Resin Types:**

Please refer to Gratings Group Technical Data Sheet for full details

Can be fixed to or supported on: Concrete, metal, wooden structures

### Fixing methods:

Stainless or galvanized bolts combined with:

- saddle clamps
- single or double G clamps
  surface mounted discs or square plates
- insert clips
- sub-panel connector brackets

## DESCRIPTION

Manufactured by a process of pultrusion, longitudinal fibreglass rovings, multidirectional glass mat reinforcement, thermosetting resins and a synthetic surface veil are all combined to form an extremely strong and corrosion resistant structural section. These bearer bars are 'I' or 'T' shaped profiles and are assembled & transversely linked with 3-part composite rod sections.

The resultant structures have a high load bearing capacity and are ideally suited to installations with greater unsupported spans and even vehicular traffic. Choice of resin types enable the product to withstand the harshest of industrial & commercial environments for extended periods, requiring little or no maintenance.

Suitable for interior or exterior use, coupled with a proven resistance to the effects of chemical corrosion and UV light degradation, they are also fire retardant.

Panels are available with a choice of spacing (opening) between the bearer bars of between 33%-60% of the surface area. The surface may be enhanced by an optional gritted coating, or covered and gritted top surface.

The relative light weight of the product makes transport, handling & installation far easier than metallic gratings.



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