

Pultruded – Open & Gritted



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
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 on request.

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

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

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
- Slip resistant surface coating with high quality refined aluminium oxide
- 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*

APPLICATIONS

Typical applications:

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

DESCRIPTION

Manufactured by a process of pultrusion, longitudinal fibreglass rovings, multi-directional 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 3mm thick solid covering board with gritted top surface.

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

*subject to order type & size