



## OPTIONS

### Colours:

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

### Stocked Colours:

Black & Sand (Beige) (Type O)

### To Order:

Other resin types + all resin types are available in any RAL colour\*

### Dimensions:

#### Panel height range:

15 mm | 25 mm | 30 mm | 38mm | 40 mm

#### Panel sizes:

lengths from 2007 mm to 4047 mm

widths from 995 mm to 1247 mm

Custom sizes to order

### Additional Options:

Resin finished highlighted edges

Choice of colour\*

Covered & gritted top surface

Water jet cutting

Cut to size prior to delivery

Full range of fasteners

\* Note: not all resin types, colours & panel sizes are held in UK stock. For non-stock items a minimum order quantity may apply. Please contact us for further information on stock levels & 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, wood, ceramics

### Fixing methods:

Stainless steel bolts combined with:

- M-clip fixings
- surface mounted disc or square plates
- sub-panel connector brackets

## BENEFITS

- > cost effective replacement for metal gratings
- > long lasting & durable
- > little or no maintenance requirement
- > suitable for all environments, exterior or interior
- > fire resistant – tested to ASTM E84 & D635
- > enhanced loading ability
- > improved passage for light wheeled traffic
- > optional anti-slip surface with 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 RAL & BS colours available to order\*
- > easily cleanable
- > rapid delivery: typically 3-5 days for standard items\*
- > free cutting service\*

\*subject to order type & size

## APPLICATIONS

Typical applications:

- platforms
- walkways
- bridges
- stair treads

## DESCRIPTION

Manufactured by a process of moulding, a combination of fibreglass rovings with thermosetting resin forms an extremely strong, one piece, open-mesh panel. These two complimentary materials give GRP gratings excellent compressive and tensile strength. Gratings are designed to withstand the harshest of industrial & commercial environments and require little or no maintenance.

Suitable for interior or exterior use, a choice of resin type offers proven resistance to the effects of chemical corrosion and UV light degradation along with fire retardant properties.

Micromesh (or Minimesh) has one quarter of the opening of regular square mesh grating. This prevents objects as small as 13mm (1/2") from passing through the mesh. The closer spacing of the bearing bars also offers smooth movement for small wheeled trolleys and wheel chairs etc. while providing a greater loading ability than standard mesh types. The addition of a bonded grit coating, comprising of refined aluminium oxide, also adds excellent anti-slip properties & further enhances durability.

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