



## Captrad Composite Gratings

Flooring, walkways and decking areas in corrosive environments need to offer superior load bearing as well as corrosion resistance. The use of good quality grade resins, including UV inhibitors and other additives together with sufficient glass fibre reinforcement result in a product which offers chemical and corrosion resistance while withstanding the required force/load.

Captrad offers two types of Composite grating:

- Pultruded grating
- Moulded grating

### PULTRUDED GRATING:

- Can be used where mechanical load is very high or support distances are very wide.
- Panels are fabricated to drawing with minimum wastage.
- Performs structurally better than moulded grating with a maximum deflection to be limited to  $SPAN / 200$  (the same limit as for steel grating).

### MOULDED GRATING:

- Installation around piping, tanks and other obstacles is much simpler with moulded grating.
- Fixed panels sizes to be fitted on site.
- The chemical resistance of moulded grating is superior.
- Well suited for forklift traffic.
- Designed for a max deflection of  $SPAN/100$ .

### Benefits of GRP Grating

**Excellent Chemical and Corrosion Resistance** - withstands the most corrosive conditions

**Unmatched Impact Resistance** - provides long term durability

**65% Lighter than Steel** - easier to handle and less expensive to install

**Slip Resistant**- improves safety, reduces slips and falls

**Non-Conductive** - eliminates electrical/thermal hazards

**Long Maintenance-Free Life** - cuts life cycle costs dramatically

**Electronically Transparent** - will not affect electromagnetic/radio frequencies

**Easy to Fabricate** - reduces installation