



## GRP Non - Slip Flooring

### Non - slip Flooring

Thousands of people every year, suffer injury as a result of slips and trips, the vast majority being preventable.

**GRP** anti – slip flooring panels provide a quick, safe, effective solution to slippery pedestrian and vehicle traffic areas where slips and falls are a potential hazard.

Sheets and strips are easy to install using mechanical fixing and / or general purpose adhesive and can be walked on usually within one hour of installation.



### Applications include:

- Ramps & platforms
- Gangways
- Foot bridges
- Uneven concrete surface
- Decking and tail lifts
- Marina decking
- Offshore installations \*
- Underground transportation \*
- \* see fire resistance

## \* Fire resistance

Gritted plate and stair nosings can be manufactured using either general purpose grade or Class 1 fire rated ISOPHTHALIC RESIN SYSTEMS.

However, for the ultimate in fire resistance, **PHENOLIC RESINS** can be incorporated, which not only provide the best fire resistance of any known composite material, but also produce virtually no toxic fumes or smoke in the event of a fire. **GRP** gritted panels and nosings are currently used in the London Underground network, and in other high-risk applications such as refineries, chemical plant & offshore installations.



## Customized solutions

We pride ourselves on the fact that we can offer customers a bespoke product and a range of benefits other companies would be unable to achieve.

### These include:

- › Available in any color
- › Manufactured to required size
- › Fast turn around
- › Highly competitive pricing
- › Choice of highly fire rated options
- › Fine, medium or coarse surface

### Non - Slip chequer plate.

In applications where a more aesthetic product is required, **GRP** chequer plate is an excellent option to the gritted sheet.

**Chequer plate** comes with either a distinctive 'tear drop' or five bar pattern, and can be produced with additional reinforcements to ensure an incredibly strong and robust panel.

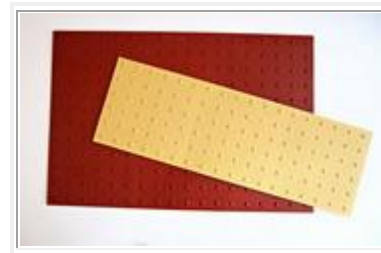
**Alternative resin** systems such as Atlac's or vinyl esters can be utilized giving a product with a high degree of chemical resistance, which can be installed in the harshest of environment.



### Tactiles.

**GRP** Tactiles are hardwearing molded panels installed to assist the visually impaired to determine a change in ground surface at areas such as pedestrian crossings and railway platforms.

What makes our product unique, is the fact it can be supplied as either a single tile, in a strip of three, or square of nine, minimizing fixing points and negating the requirement for expensive groundwork. Tiles can be supplied in any color and a range of varying thicknesses to suit particular applications.



## SLIP RESISTANCE

### " PENDULUM TEST "

Sample Ref.	Surface Finish	Surface Roughness Rz	Surface Temperature °C	Orientation	Pendulum Test Value (mean)	
					Dry	Wet
F66326	Medium Grit	54.5	24	Along	90	83
				Across	98	85
F66324	Fine Grit	64.7	24	Along	103	87
				Across	100	88

The TRL pendulum tester has a range of readings from 0 to 150, high values indicating good slip resistance. Guidance on the interpretation of results using the Four S Slider is suggested by the UK Slip Resistance Group as follows:

#### Potential For SLip Pendulum Test Value

High	0 to 24
Moderate	25 to 35
Low	36 +