



GRITTED PLATE

General Technical Specification

General description: **Gritted plate** -GRP anti – slip flooring panel, provide a quick, safe, effective solution to slippery pedestrian and vehicle traffic areas where slips and falls are a potential hazard.

Due to the wide variety of products and variations available in the Fybaplate range, the following technical specifications should be considered as a guide only. Please contact us directly for more accurate product qualities and performance ratings.

WEIGHT OF A PANEL:	THICKNESS [mm]	WEIGHT kg/m²
	2mm	2.60
	3mm	4.00
	4mm	5.10
	5mm	6.80
	6mm	8.10

FIRE RESISTANCE

Products can be manufactured to different degree of fire resistance:

1. General purpose (GP) grade (all products)
2. BS 476 Part 7 Class 1 (surface spread of flame, all products)
3. BS 476 Part 6 Class 'O' (heat release, all products)
4. BS 476 Part 7 Class 2 (surface spread of flame, all products)
5. Phenolic

SURFACE PROFILES

Type of grit -Fused Alumina, other types such quartz or bauxite are available to special order. Grit grades

1. Fine
2. Medium
3. Coarse

THERMAL CO-EFFICIENT OF EXPANSION

30×10^{-6} /Deg C FACT: Compared with many other plastics GRP has minimal expansion and contraction characteristics and will not bow and warp in extremes of temperature.

COLOUR RANGE

Black, grey and yellow colour as a standard. Although panels can be manufactured to the following:

- 4800 Colour Range
- 5252 Colour Range
- RAL Colour Range.

A colour match service is also available

FLEXURAL STRENGTH

193 MPa FACT: Flexural strength can be enhanced by the addition of woven reinforcement if required.

SIZE & THICKNESS

Panels can be manufactured to any length but with a width restriction of 1525mm. Standard product range can be manufactured to literally any thickness from 2mm upward.

TENSILE STRENGTH

123MPa

TENSILE MODULUS

7.1 GPa GRP sheet is up to seven times stronger than mild steel on a weight for weight basis.

THERMAL CONDUCTIVITY

GRITTED PLATE: 0.2 w/mK

LOGISTICS

Panels are usually supplied on pallets and can be delivered anywhere in the EU within approximately 10 - 14 working days under normal circumstances. Each panel can be marked with a location code and panel size on the protective covering of the goods if required.