



FYBAGRIT PANELS

General Technical Specification

GENERAL DESCRIPTION

Fybagrit (Gritted Plate) - GRP anti-slip flooring panels provide a quick, safe and effective solution to slippery pedestrian areas where slips and fall are a potential hazard.

SURFACE PROFILES

Type of grit: Fused Alumina. Other types such as Quartz or Bauxite are available to special order:

- * Ultra-Fine
- * Medium
- * Fine
- * Coarse

WEIGHT OF A PANEL

THICKNESS [mm]	WEIGHT [kg/m ²]	THICKNESS [mm]	WEIGHT [kg/m ²]
3.5mm	6.80	7mm	11.90
4mm	7.80	8mm	13.20
5mm	9.70	9mm	14.40
6mm	10.80	10mm	15.36

FIRE RESISTANCE

Products can be manufactured to either:

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

THERMAL CO-EFFICIENT OF EXPANSION $30 \times 10^{-6} / ^\circ\text{C}$

FACT: Compared with many other plastics GRP has minimal expansion and contraction characteristics and will not bow and warp in extremes of temperature.

THERMAL CONDUCTIVITY

FYBATEX: 0.2 w/mK

COLOUR RANGE

Black, Grey (7001) and Yellow (08 E 51) as Standard, however panels can be manufactured to the following:

B.S. 4800 Colour Range	RAL Colour Range
B.S. 5252 Colour Range	A colour matching service is also available

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. Weight implications for manhandling and transportation may restrict larger sizes.

FLEXURAL STRENGTH 193 MPa

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

TENSILE STRENGTH 123 MPa

TENSILE MODULUS 7.1 GPa

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

LOGISTICS

Panels are usually supplied on pallets and can be delivered anywhere in the UK within approximately 7-10 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.

Due to the wide variety of products within this range these Technical Specifications should be considered as a guide only. Please contact us if more specific product qualities and performance ratings are required.