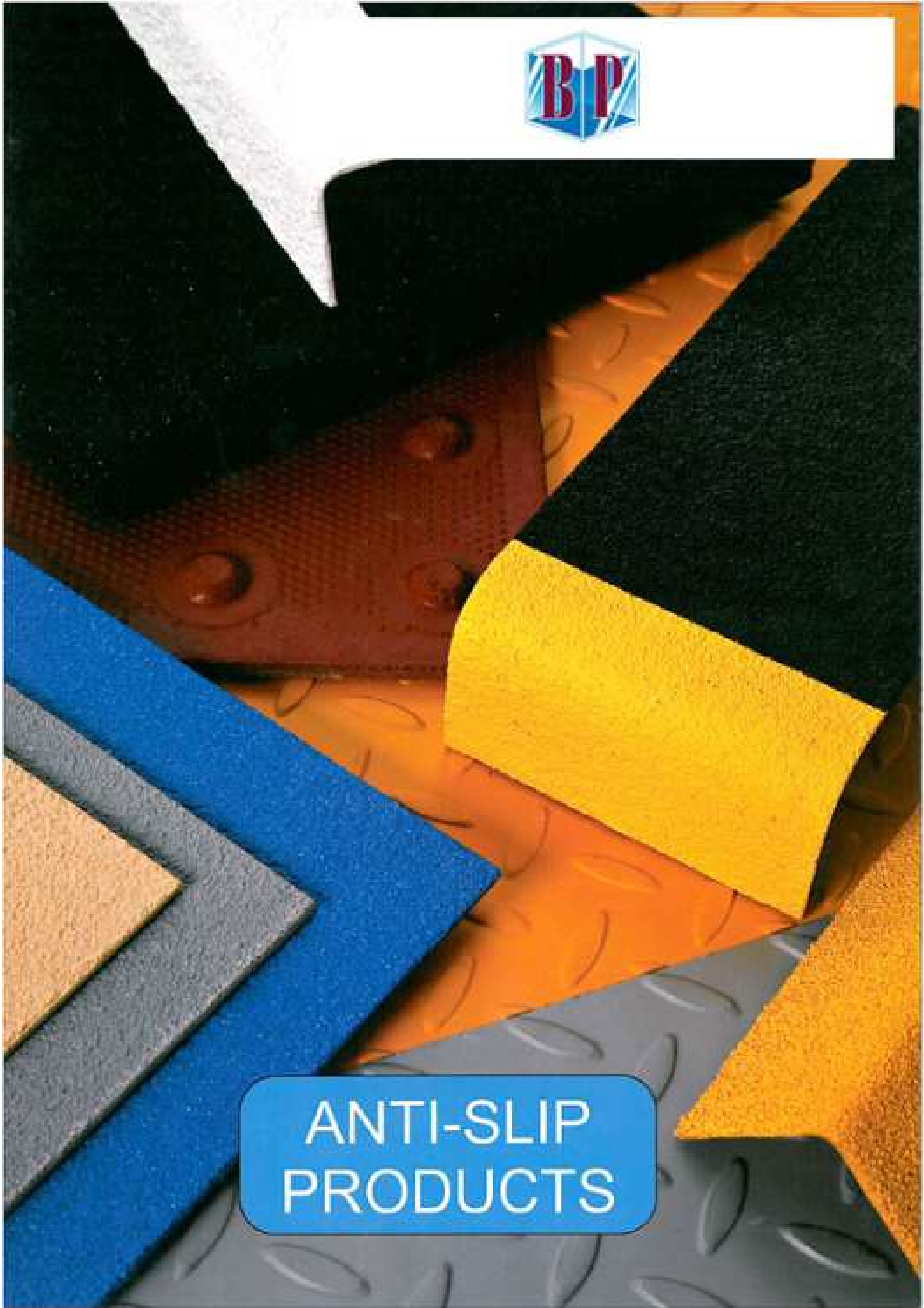

ANTI-SLIP
PRODUCTS

Our Anti Slip products provide a quick, safe, effective solution to slippery pedestrian or vehicle traffic areas where slips or falls are a potential hazard.

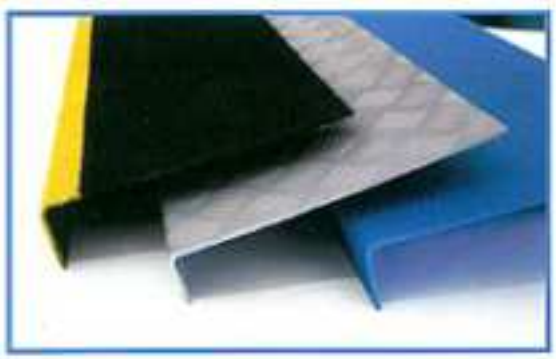
GRP (or Fibreglass) is an immensely resilient material used in applications where high strength / light weight characteristics are required. The product is virtually indestructible, totally shatterproof, and will withstand severe climatic variables.

Benefits

- Slip resistant – reduces slips and falls
- Impact resistant – long term durability
- Effective in wet, city conditions
- Easy to fabricate – reduces installation costs
- Ideal for surfaces that cannot be adequately prepared
- Can be used immediately after fixing – minimises downtime
- Non-conductive – eliminates electrical and thermal hazards
- Suitable for pedestrians, forklift and vehicle traffic areas
- Helps to comply with the Disability Discrimination Act part 3
- Maintenance free – will not rust or corrode
- 65% lighter than steel – easier to handle and cheaper to install

Features

- Available in any BS or RAL colour
- Cut to size
- Available in any thickness from 3mm up
- Fine, medium or coarse profiles available
- UV resistant
- Chemical resistant
- Choice of fire rated resins



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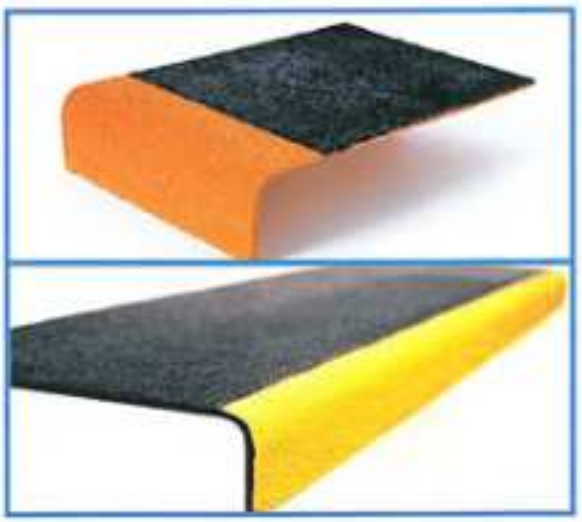
Stair Tread Covers

Manufactured to required size. Available in any length up to 3000mm plus width up to 900mm. Thickness from 3mm upwards. Standard colours are black, grey, and yellow but can be produced to any B.S or RAL colour.



Angle Nosing

Suitable for use as edge nosing or non-slip cover angles. Manufactured to required specification.

Fire Resistant Treads + Plate

Treads can be manufactured using high quality fire retardant resins which meet Class 1/0 fire rating. For the ultimate in fire resistance Phenolic resins can be incorporated which produce virtually no toxic smoke and fumes in the event of a fire. Suitable for use on offshore and underground applications.

Gritted Plate

Any thickness, colour, and manufactured to any size. Choice of fire rating and grit size. Virtually indestructible.

Applications

- Footbridges
- Ramps
- Walkways
- Work platforms
- Uneven surfaces

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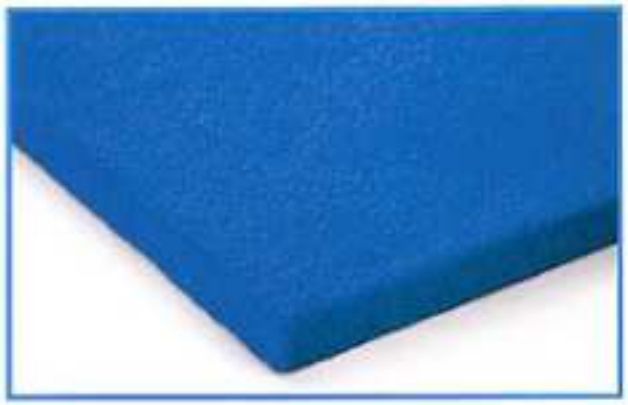
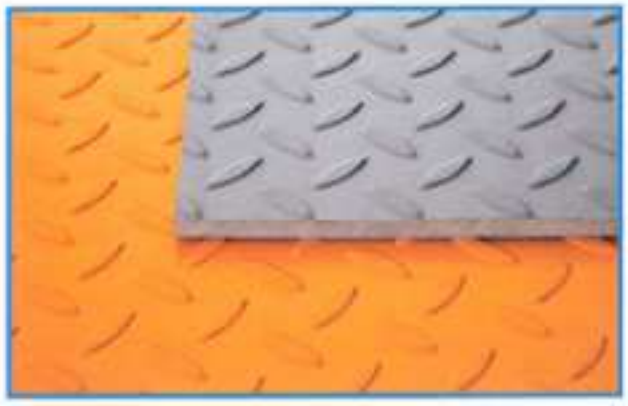
Encapsulated Ply

Extremely rigid GRP coated WBP plywood. Available as cut sizes or in standard sheet sizes. Used on railway bridges, platforms, and as trench cover plates.



GRP Chequer Plate

Solid GRP chequer plate available in any thickness from 4mm upwards. Can be produced in any colour and in a range of fire ratings.



GRP Tactiles

Produced as either single tiles or “blocks” of 3, 6 or 9 tiles. Any thickness and BS or RAL colour. Available in either on street or off street patterns. Tiles can be glued and mechanically fixed to existing substrates, thus avoiding expensive excavation costs.

GRP Peel Ply

Panels are manufactured with an adhesive accepting surface, suitable for use where customers may wish to apply their own type of grit or stonechip finish using epoxy adhesive systems. Available in any thickness 3mm plus, and any base colour.

GRITTED PLATE

General Technical Specification

FIRE RESISTANCE

Products can be manufactured to different degrees 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 0 (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 as quartz or textures are available to special order.

Grit Grades:

1. Fine
2. Medium
3. Coarse

COLOUR RANGE

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

1. BS 4800 Colour Range
2. BS 5252 Colour Range
3. RAL Colour Range
4. A colour match service is also available

THERMAL CO-EFFICIENT OF EXPANSION

30 x 10^(-6) / °C

FACT: Compared with many other plastics, GRP has minimal expansion and contraction characteristics.

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

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

THERMAL CONDUCTIVITY.

Gritted Plate: 0.2 w/m2K.

SLIP RESISTANCE – (“PENDULUM TEST”)

Sample Ref	Surface Finish	Surface Roughness	Surface Temp	Orientation	Pendulum
F66326	Medium Grit	54.7 Rz	24°C	Along	90 (Dry) 83 (Wet)
				Across	98 (Dry) 85 (Wet)
F66327	Medium Grit	50.8 Rz	24°C	Along	89 (Dry) 83 (Wet)
				Across	92 (Dry) 78 (Wet)
F66324	Fine Grit	64.5 Rz	24°C	Along	103 (Dry) 87 (Wet)
				Across	100 (Dry) 88 (Wet)
F66325	Fine Grit	54.3 Rz	24°C	Along	100 (Dry) 90 (Wet)
				Across	102 (Dry) 86 (Wet)