



ANTI-SLIP GRATING TILE

Product Description

SafetyGrip anti-slip grating tiles are constructed from heavy duty fire retardant polyester resins which incorporate our diamond hard aggregate surfaces. These FRP tiles are extremely robust and hard wearing and offer superb levels of traction even in the harshest of environments.

SafetyGrip Grating tiles are supplied in a combination of surface grades and grits that can be tailored to meet your specific application, with excellent chemical, corrosion and fire retardancy properties they are designed to withstand the demands of an offshore/marine environment. Supplied in a variety of standard sizes, with bespoke customised sizes readily available.

Typical Applications

- Walkways & Bridges
- Mezzanines
- Decks with Open Grating

Benefits

- Heavy Duty/High Traction
- Reduces Slips, Trips and Falls
- Non-Corrosive
- Excellent Impact Resistance
- Fully Guaranteed
- Easy Installation

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Options

Sizes

A full range of standard and custom sizes are available.

STANDARD SIZES				
Width/Length	500mm	750mm	1000mm	1250mm
1000mm	✓	✓	✓	✓
1500mm	✓	✓	✓	✓
2000mm	✓	✓	✓	✓
2500mm	✓	✓	✓	✓

Colours

Typically supplied with high visibility colours; however a full range of custom colours are available on request.

Hazard Markings/Custom Logos

SafetyGrip Anti-slip Tiles can incorporate various customised logos and safety hazard markings which are embossed on the surface of the product. Enquire for further info.

Anti-slip Grades

SURFACE GRADES	CODE	GRIT SIZE	APPLICATION
Fine	FG	2mm (1/16")	Light Industrial
Coarse	CG	4mm (3/16")	General Industrial
Extra Coarse	XCG	6mm (1/4")	Heavy Duty Industrial

Installation

SafetyGrip Anti-slip Tiles can be fixed to open grating using conventional mechanical fixings.

Open Grating Universal Saddle Clamp Fixings
(Bolts/Nut/Saddle Clamp)

Specification

Physical Data

Finish:

Semi-rigid composite tile - flat sheet

Grit Type:

Blended Aluminium Oxide/Granite

Nominal Thickness:

6mm -11mm (Depending on surface grade type)

Water/Chemical Absorption:

Less than 0.1%

Temperature Range:

-35 deg C to +95 deg C

Weight:

Fine Grade = 11.0kg/Square metre

Coarse Grade = 15.0kg/Square metre

Extra Coarse Grade = 19.0kg/Square metre

(Weights based on square metre)

Test Data

Fire Testing:

BS476 Part 7, CLASS 2

EN ISO 11925-2

BS EN ISO 9293-1

Chemical Resistance:

Various compounds including most commonly used water & oil based drilling muds and fluids.

Coefficient of Friction Grip Test:

Friction test carried out using the pendulum CoF test -

Result show result between 0.85 - 0.95 wet and dry.

Transportation/Classification

Anti-slip treads are classed as non-hazardous and can be shipped through conventional methods.

Maintenance

Cleaning

Anti-slip surfaces should be cleaned at intermittent intervals to ensure they offer optimum performance, wash with water based detergent, stiff brush or high pressure washers/steam cleaners.

Cutting & Drilling

Anti-slip Tiles can be easily cut and shaped on site to fit if necessary, tools to undertake such will include angle grinder/cutting disc - diamond blade will be most effective.

Holes need to be drilled from the underside using suitably sized tungsten tip masonry drill bits.

If in any doubt about an application please contact SafetyGrip Technical Services on: +44(0)1224 784700 info@safetygripsolutions.com