

FibreCOVER

GRP Solid Top Grating



DESIGN

SUPPLY

FABRICATE

INSTALL



FibreCover Solid Top Grating is anti slip, lightweight, strong and durable making it the ideal choice for a wide variety of applications and environments. Our Solid Top Grating is considerably lighter than concrete and allows significant savings on installation time, transport costs and labour. Solid Top Grating has exceptional advantages including rigidity, shock resistance and no permanent deformation after overloading.

These factors provide excellent mechanical strength and safety in marine and industrial environments. Also, our GRP Solid Top Grating is a useful alternative to our Standard Grating as there are no gaps for items to fall through.

CHARACTERISTICS

- Extremely durable
- Impact resistant
- Anti slip surface
- Fire retardant
- Chemical resistant
- Corrosion resistant
- Lightweight
- Low maintenance
- Non conductive
- Non magnetic

SUITABLE APPLICATIONS

- ✓ Walkways
- ✓ Gullies
- ✓ Trenches
- ✓ Cooling towers
- ✓ Overhead gantries
- ✓ Railway crossing points

TECHNICAL DATA

Description	Slip resistant covered top flooring system
Top finish:	Solid top with grit
Stock colours:	Grey (any RAL or BS colour subject to extended lead time)
Stock depths:	28mm, 41mm and 54mm
Panel sizes:	3660mm x 1220mm
Chemical resistance:	Made from Iso resin as standard

TECHNICAL DATA

Tolerances (including cut):	+/- 6mm width, length and diagonal
Depth tolerances:	+/- 1.5mm
Service temperatures:	-50°C to 105°C
Design life:	20+ years (subject to traffic analysis)
General use:	Standard pedestrian traffic

SLIP RESISTANCE VALUES

Measured using the Pendulum test method (WF rubber slider) - certificate available on request.

Top Surface	Dry Reading	Wet Reading
Solid Grit Top	72	67

To ensure that the above slip resistance levels are maintained, the grating panels should be kept clean.

The UK Slip Resistance Group guide to slip resistance of a floor for able bodied pedestrians:

Four S Pendulum Value	Potential for Slip
Above 65	Extremely Low
35 - 65	Low
25 - 35	Moderate
25 & Below	High

CLEANING & MAINTENANCE GUIDE

Whilst FibreCover GRP Solid Top Grating is extremely resilient to dirt and contaminants, it can as with most other things, become dirty.

Dirt and debris can easily be removed using a stiff brush and should be carried out on a regular basis.

If FibreCover GRP Solid Top Grating has been subjected to spillages or the dirt has become embedded; detergents such as our SlipGrip® Heavy Duty Degreaser or similar can be used. It is always advisable to test any cleaning product on FibreCover GRP Solid Top Grating before starting the cleaning procedure. This can be done on an inconspicuous area of the installation, or if preferred, a sample can be sent free of charge for testing purposes.

Using the detergent, warm water and a suitable brush, scrub the areas until clean. The excess water can be removed using a wet/dry vacuum cleaner or suitable absorbable materials.

Where circumstances allow, FibreCover GRP Solid Top Grating can be power washed without causing harm.

The security of the fixings should be checked on a regular basis. Circumstances will vary, based upon the volume of foot traffic etc. but as a guide; monthly inspections would be advisable.

GRATING SPECIFICATION/TYPES

FGS28

Depth: 28mm Solid Top

Mesh Size: 38mm x 38mm

Weight: 16.5kg per m²



FGS41

Depth: 41mm Solid Top

Mesh Size: 38mm x 38mm

Weight: 22kg per m²



FGS54

Depth: 54mm Solid Top

Mesh Size: 50mm x 50mm

Weight: 25kg per m²





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