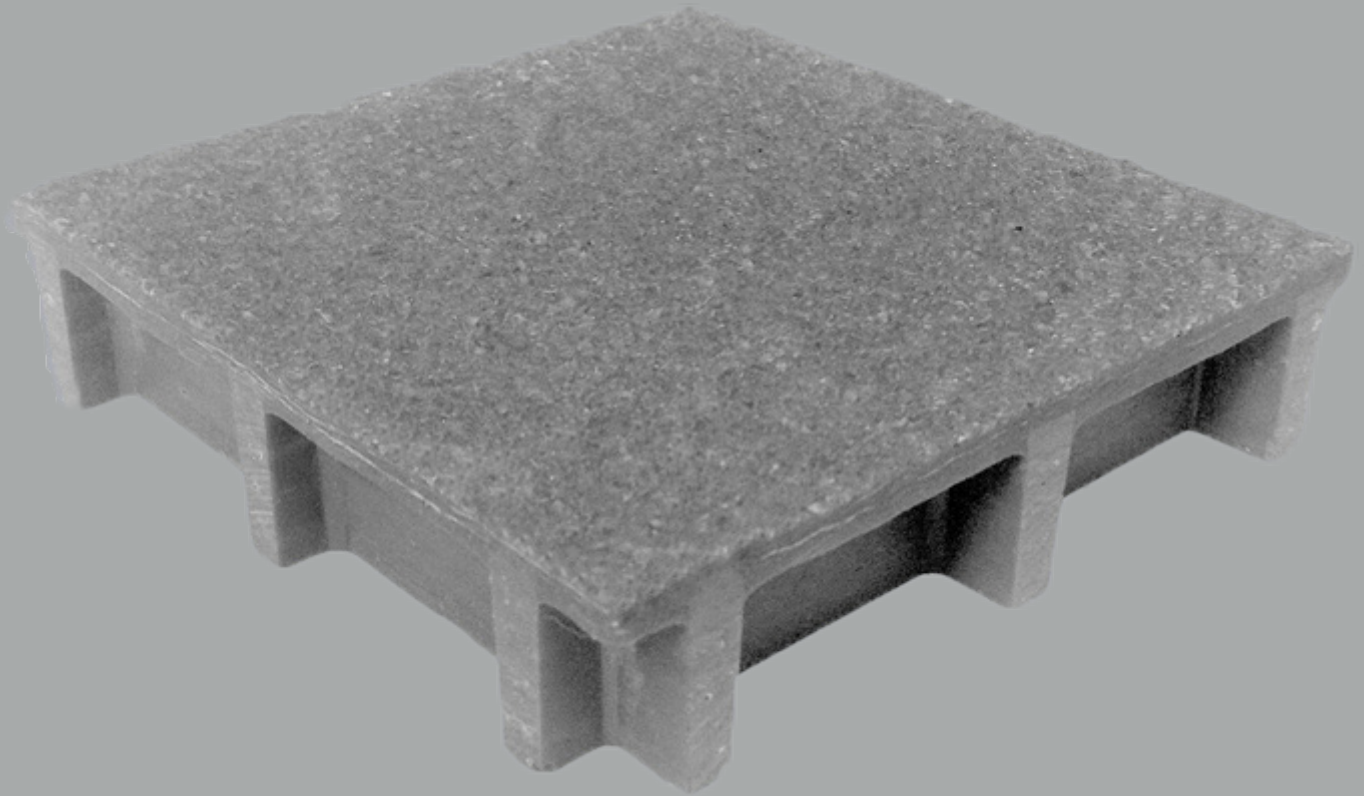


# FibreGrid GRP Solid Top Grating



## Product Description

FibreGrid's 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 for significant savings on installation time, transport costs and labour. Our Solid Top Grating has exceptional breaking strength under lateral force. The uni-directional continuous GRP reinforcement offers numerous 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 Covered Top Grating is a useful alternative to our standard grating as there are no gaps for items to fall through.

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## Characteristics

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

## Suitable Applications

- Walkways
- Gullies
- Trenches
- Cooling towers
- Overhead gantries
- Industrial floors

## Technical Data

Description:	Slip resistant covered top flooring system
Top finish:	Covered top
Stock colours:	Grey (any RAL or BS colour subject to extended lead time)
Thickness:	28mm, 41mm and 54mm
Panel sizes:	3660mm x 1220mm
Chemical resistance:	Made from Iso resin as standard.
Tolerances (including cut):	+/- 6mm width, length and diagonal
Depth tolerances:	+/- 1.5mm
Service temperatures:	-50 to 105°C
Design life:	20+ years (subject to traffic analysis)
General use:	Standard pedestrian traffic

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## Slip Resistance Values

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

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

Top Surface	Dry Reading	Wet Reading
Covered top	72	67

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

To ensure that the above slip resistance levels are maintained; the panels should be kept clean in accordance with the cleaning guidelines below.

## Cleaning Guide and Tips

Whilst 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 GRP Solid Top Grating has been subjected to spillages or the dirt has become embedded; detergents such as our Heavy Duty Degreaser or similar can be used. It is always advisable to test any cleaning product on 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, GRP Solid Top Grating can be power washed without causing harm.

### General Routine Maintenance

The security of the fixings/adhesive 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.

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## Grating Specification/Types

### FGS28

Depth: 28mm Solid Top

Mesh Size: 38mm<sup>2</sup>

Weight: 16.5kg per m<sup>2</sup>



### FGS41

Depth: 41mm Solid Top

Mesh Size: 38mm<sup>2</sup>

Weight: 22kg per m<sup>2</sup>



### FGS54

Depth: 54mm Solid Top

Mesh Size: 50mm<sup>2</sup>

Weight: 25kg per m<sup>2</sup>



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