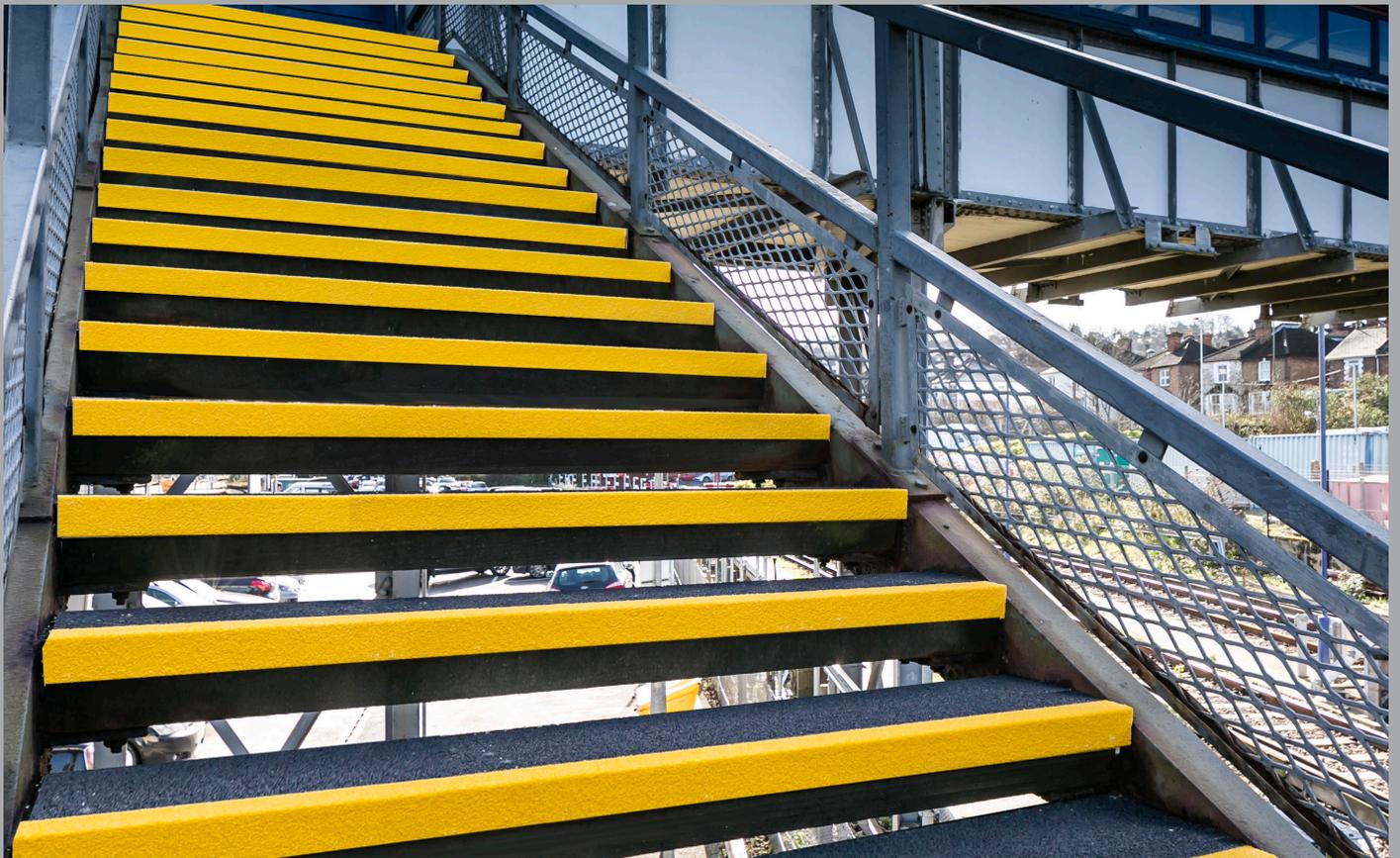




FibreGrid SlipGrip® Heavy Duty Anti Slip GRP Stair Tread Covers



Product Description

SlipGrip® Heavy Duty Anti Slip Stair Tread Covers offer superior slip resistance for both interior and exterior use. Made from durable and lightweight GRP, and with our own superior grit, they are twice as hard wearing as the industry standard quartz. They are also chemical resistant, providing the perfect solution for potentially hazardous areas. The low profile GRP construction is produced by the pultrusion method, which protects from bending, warping or splitting over time.

SlipGrip® Heavy Duty Stair Tread Covers comprise of a high quality composite of glass woven matting, impregnated with isophthalic polyester resin.

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Characteristics

- Extremely durable - will not bend, warp or split over time
- Building Regulation and DDA Compliant with 55mm contrasting nosing
- Can be walked on immediately and fitted with ease keeping downtime to a minimum
- Cut to size up to 3m wide free of charge
- Chemical and corrosion resistant
- Impact resistant
- Lightweight
- Non sparking



Suitable Applications

All staircases in areas with heavy foot traffic



Suitable Substrates

- Wood
- Metal
- Concrete



Technical Data

Standard lengths for stair treads:	600mm 750mm 800mm 1000mm 1200mm 1500mm 2000mm 3000mm
Stair treads profile:	345mm x 55mm
Thickness:	5-6mm with grit
Colours:	Black with Yellow nosing Black with White nosing Grey with Yellow nosing Grey with White nosing Stone with Stone nosing
Service temperature:	-20°C to 80°C
Fire retardant:	ASTM D 635

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Slip Resistance Values

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

Top Surface	Dry Reading	Wet Reading
Coarse grit	76	70
Fine grit	71	63

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 to 65	Low
25 to 35	Moderate
25 and Below	High

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



Cleaning Guide and Tips

Use of a stiff brush will usually be sufficient when cleaning SlipGrip® Heavy Duty Stair Treads to remove everyday dirt. For more stubborn contamination, it is recommended that a mild detergent such as SlipGrip® Degreaser is used and then rinsed with cold water. It is important to remove any excess water from the stair treads prior to being put back into use with suitable absorbent materials. Where circumstances allow, SlipGrip® Heavy Duty Stair Treads can be power washed on a low setting.

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.



Handling, Storage & PPE

Safe handling practices should always be employed and the appropriate Personal Protection Equipment is to be worn. Store the stair treads flat and upside down.

It is recommended that the following Personal Protection Equipment is worn for the installation of SlipGrip® Heavy Duty Stair Treads. Further protective measures may be necessary but this will depend on the installation environment.

Bonding	Cutting & Mechanical Fixing
Eye goggles	Ear defenders
Protective gloves	Eye goggles
Safety boots	Dust mask (available from FibreGrid)
	Protective gloves
	Safety boots

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 **Cutting**

SlipGrip® Anti Slip Stair Treads can be cut to size using orbital cutting equipment with a diamond blade. Cutting should be carried out externally or where there is dust extraction or suitable ventilation and the appropriate protective equipment as detailed above should be worn. A jigsaw can be used for trimming, or for occasions where only a small amount of cutting is required.

Cut to size service

FibreGrid offers a free cut to size service for all SlipGrip® products except SlipGrip® Precision. When you place your order, inform the technical advisor that you intend to install the product yourself and they will tailor the order to meet your requirements.

 **Preparation**

Ensure that the area is clean, dry and free from loose and friable material. Any “dished” or damaged surface areas should be patch repaired to provide a reasonably flat and consistent surface. You can patch repair concrete with our SlipGrip® Step Edge Repair.

Dry fit stair tread covers to ensure they fit freely and that they sit flat down on the surface. If required, SlipGrip® Heavy Duty Stair Treads can be trimmed on site to suit, ideally using a skill saw with a 4mm diamond blade or an angle grinder with a 1mm blade.

Please ensure that goggles and gloves are worn at all times when any form of cutting is involved.

 **Installation**

Apply an approx. 6mm bead (this may need to be increased dependant on the substrate conditions) of the high strength gap filling adhesive around the periphery of the underside of the stair tread covers approx. 25mm in from the edges. Then, starting from the bottom left corner come up at an angle (approx. 200mm across) and then down at an angle, to create a ‘peak and a trough’, repeat this until you reach the end.

Immediately firm the panel into the substrate to ensure adequate transfer of adhesive (depending on the size of the bead, this will elevate the sheet by approximately 1-1.5mm). A firm bond will be achieved in about one hour under normal circumstances and conditions.

Drill two holes on each side of the SlipGrip® Heavy Duty Stair Tread cover, the first approximately 60mm in from the back edge and 50mm from the side. The second one should again be approximately 50mm from the side and approx. 60mm back from the contrasting nosing (55mm). For larger treads, it may be necessary to have further fixing points in the centre of the tread.

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Mechanical Fixing

SlipGrip® Heavy Duty Stair Tread Covers can be drilled and secured with stainless steel screws. It is recommended to use the Stair Tread Fixing Kit available from FibreGrid. Follow the preparation procedure prior to fixing:

1. Always ensure that the screw length is slightly longer than the plug length to obtain a good fixing if not using the FibreGrid Stair Tread Fixing Kit.
2. Use Mastic Adhesive on the underside to prevent the GRP drumming and rocking on the substrate.
3. Fixing is generally recommended at approximately: 70mm from the front, 50mm from each side, 60mm from the back, at a maximum of 250mm apart.
4. If fitting to a metal substrate, use self-tapping screws. There is no need to counter sink the screw holes since the screw can be tightened so that it beds into the gritted surface, making it flush with the wearing surface.

Please note:

The above installation instructions are to be used as a guide. Always employ safe practices. It is recommended to first test the suitability of any fixing method on a small area before carrying out a full installation programme.

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