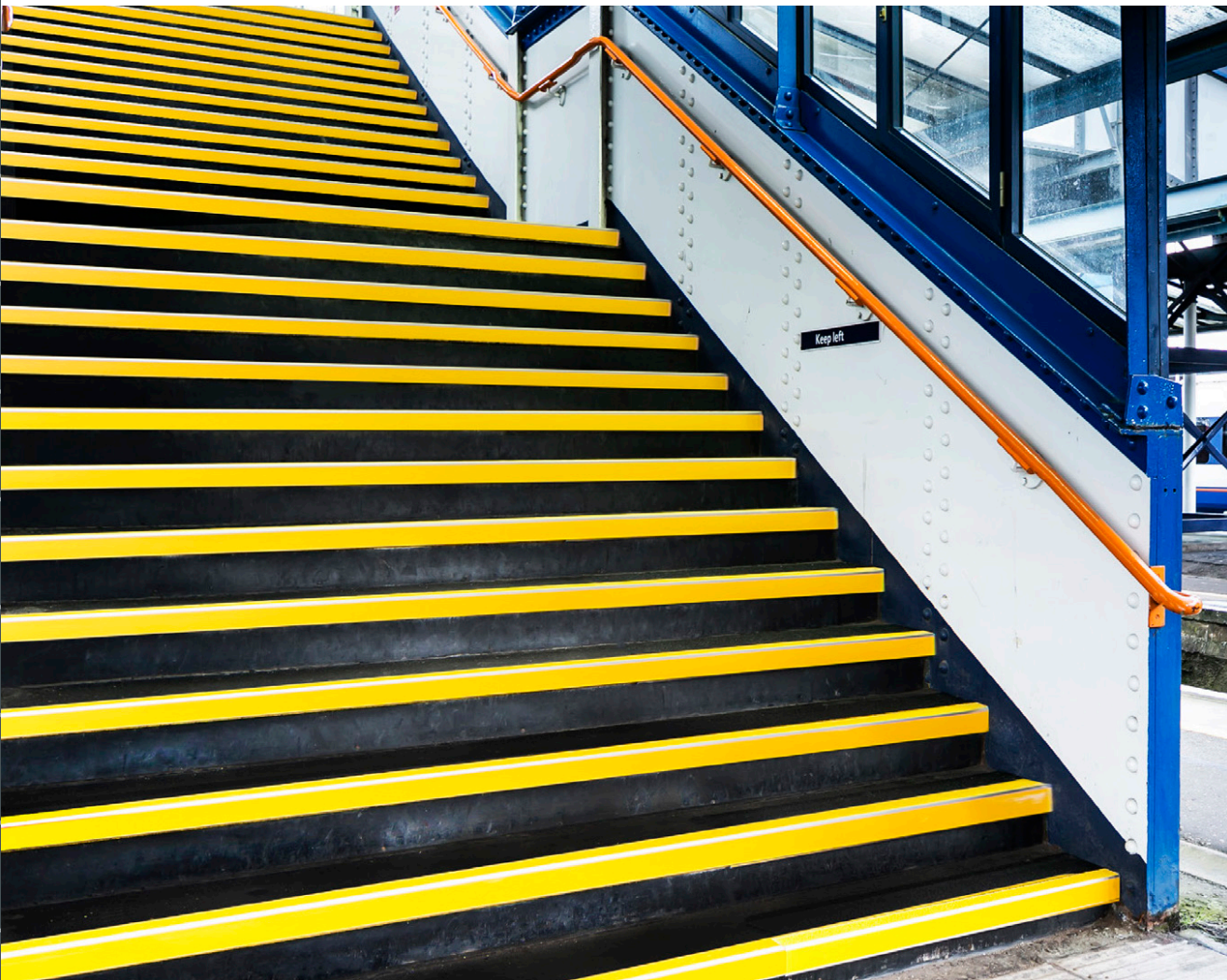


SLIPGrip[®]

Extreme Core GRP Stair Tread Covers



DESIGN

SUPPLY

FABRICATE

INSTALL



SlipGrip® Extreme Core is an aluminium reinforced GRP step cover suitable for the heaviest trafficked areas. It can be used where extreme footfall occurs, such as railway station steps and platforms, public car parks or subways.

They can be installed easily and quickly with SlipGrip® GRP Stair Tread Cover Fixing Kits. These stair tread covers can also be pre-drilled. Just call 01440 712722 and advise the technical sales representative with the measurements.

CHARACTERISTICS

- Extremely durable - made via pultrusion method, meaning they will not bend, warp or split over time
- Superior chemical resistant surface
- Aluminium reinforced with ExtremeCore® grit composition
- DDA (Disability Discrimination Act) and Building Regulations compliant
- Minimal downtime - can be walked on immediately and fitted with ease
- Ideal for staircases in areas of extreme foot traffic
- Free cut to size service available
- Impact and corrosion resistant
- Lightweight

SUITABLE APPLICATIONS

- ✓ Train stations
- ✓ Stadiums
- ✓ Car parks
- ✓ All staircases that withstand very heavy foot traffic

SUITABLE SUBSTRATES

- ✓ Wood
- ✓ Concrete
- ✓ Stone
- ✓ Metal

TECHNICAL DATA

Description:	Extreme heavy duty GRP stair tread covers
Standard lengths for stair treads:	750mm 1000mm 1500mm 2000mm 3000mm
Stair treads profile:	345mm x 55mm
Colours for stair treads:	Black with Yellow nosing Black with White nosing
Grade:	Coarse
Thickness:	5-6mm with grit
Service temperature:	-20°C to 80°C
Fire retardant:	ASTM D 635

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

To ensure that the above slip resistance levels are maintained, the stair treads 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 GUIDE & TIPS

Use of a stiff brush will usually be sufficient when cleaning SlipGrip Extreme Core® to remove everyday dirt. For more stubborn items, 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 Extreme Core® can be power washed on a low setting. If SlipGrip ExtremeCore® has been sealed with a sealant; repeated use of a pressure washer could undermine the integrity of the sealant.

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.

PERSONAL PROTECTION EQUIPMENT

It is recommended that the following Personal Protection Equipment is worn for installation of SlipGrip Extreme Core® and further protective measures may be necessary but this will depend on the installation environment:

Bonding

- ✓ Eye Goggles
- ✓ Protective Gloves
- ✓ Safety Boots

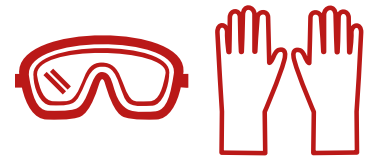


Cutting & Mechanical Fixing

- ✓ Eye Goggles
- ✓ Protective Gloves
- ✓ Safety Boots
- ✓ Ear Defenders
- ✓ Dust mask
(available from FibreGrid)

HANDLING & STORAGE

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.



CUTTING

SlipGrip Extreme Core® 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 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.

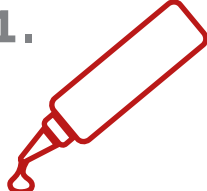

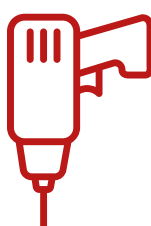
PREPARATION

- ✓ 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® Extreme Core 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.



These 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.

APPLICATION

1. 	<p>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.</p>
2. 	<p>Immediately press the panel firmly to 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.</p>
3. 	<p>Drill two holes on each side of the SlipGrip® 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.</p>

MECHANICAL FIXING

SlipGrip Extreme Core® Anti Slip Stair Treads 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.

Pre-drilling

SlipGrip Extreme Core® Anti Slip Stair Treads can also be pre-drilled. Just call 01440 712722 and advise the technical sales representative with the measurements.



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