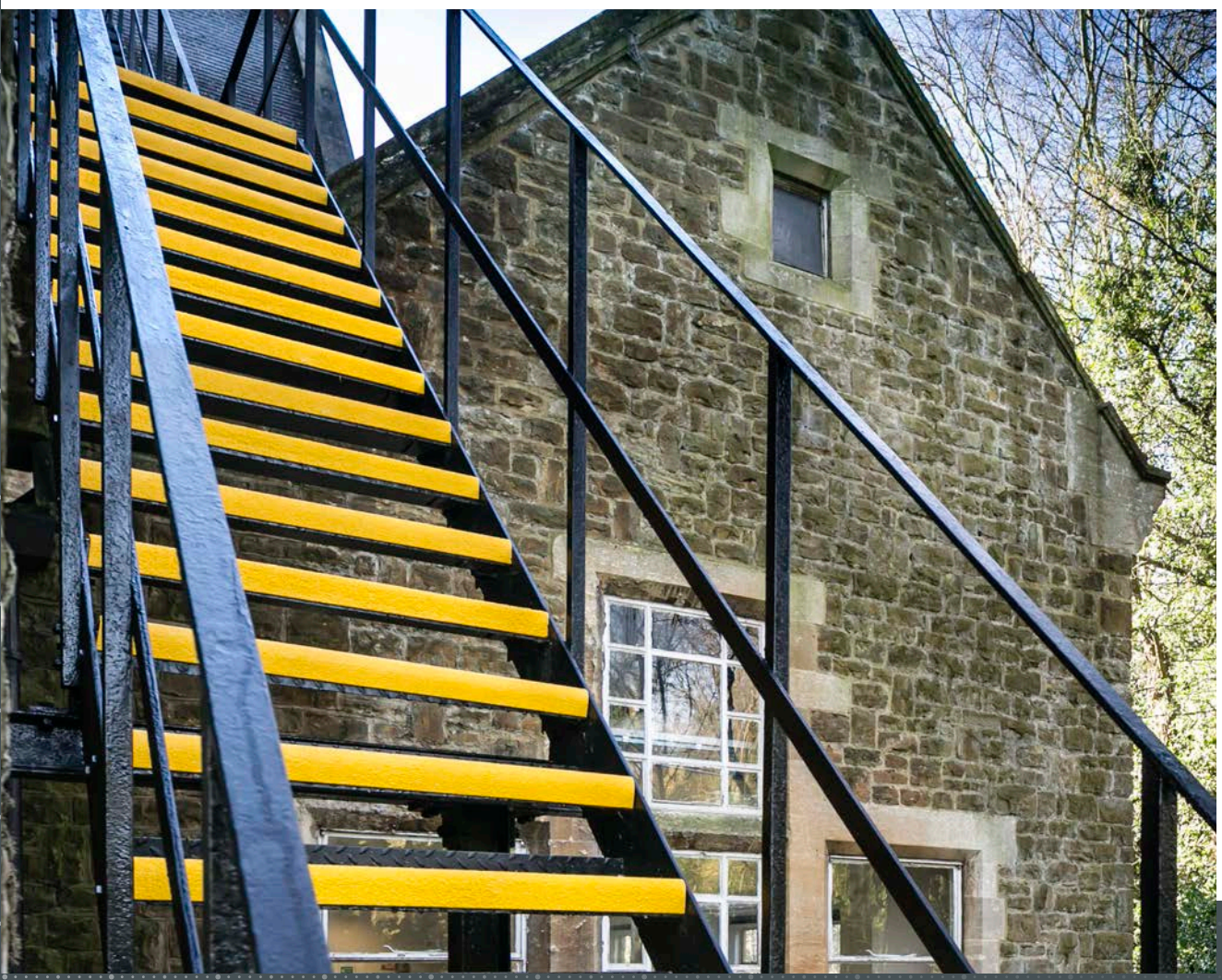
SLIPGrip®

Standard GRP Stair Tread Covers



DESIGN | SUPPLY | FABRICATE | INSTALL

FIBREGRID

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SLIPGrip®

Standard GRP Stair Tread Covers

SlipGrip® Standard Anti Slip GRP Stair Tread Covers are an affordable and versatile solution for slippery steps. The 55mm DDA compliant nosing and tough, chemical resistant surface makes them suitable for both industrial and commercial use. They can be installed easily and quickly with SlipGrip® GRP Stair Tread Cover Fixing Kits. These stair tread covers can also be pre-drilled.

You can call us on 01440 712722 and inform one of our sales representatives the measurements - then we can cut them to your exact requirements, free of charge.

CHARACTERISTICS

- Durable and tough chemical resistant surface
- 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 service available
- Resistant to swelling, stretching and warping
- Corrosion resistant
- Impact resistant
- Lightweight
- Non sparking
- Made via the pultrusion method for added durability, rather than the traditional hand layup method

SUITABLE APPLICATIONS

- ✓ **Fire escapes**
- ✓ **Mezzanine stair cases**
- ✓ **Other areas of light to medium foot traffic**

SUITABLE SUBSTRATES

- ✓ **Wood**
- ✓ **Concrete**
- ✓ **Metal**

TECHNICAL DATA

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

SLIP RESISTANCE VALUES

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

Top Surface	Dry Reading	Wet Reading
Coarse Grit	71	63

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® Standard 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® Standard 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.

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® Standard Stair Treads and further protective measures may be necessary but this will depend on the installation environment:

Bonding

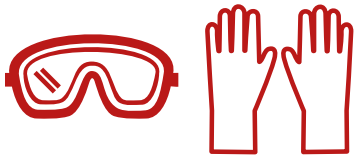
- ✓ Eye Goggles
- ✓ Protective Gloves
- ✓ Safety Boots

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® 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

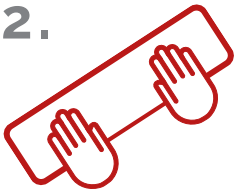
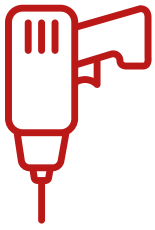
FibreGrid offers a free cut to size service for all SlipGrip® products except SlipGrip® Precision. When you place your order, inform the technical advisor that you intend to install the product yourself and they will tailor the order to meet your requirements.

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® Standard 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.

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. 	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.
2. 	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.
3. 	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.

Pre-drilling

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

APPLYING TO VARIOUS SUBSTRATES

If you are using Riser Plates, these should be fitted to the riser substrates, as above, before commencing the following procedures.

Over Timber (Or Similar Materials)

1. Lay out the SlipGrip® Standard Stair Tread on the substrate upside down.
2. Apply the adhesive as stated above. Turn the stair tread over and secure to the substrate, applying body weight to expel any air.
3. Mark the stair tread where holes are to be drilled, Using a 6mm masonry drill bit, drill through the stair tread only exposing the substrate.
4. Using a 3.85mm drill bit, drill through the stair tread as stated above (for hard wood, you may need to pilot hole).
5. Once all stair treads have been pre-drilled, using stainless steel screws (Stainless steel Pozi head 32mm x 4.2mm screws, supplied by us or similar), screw the stair tread down and aim to make the screw fixings flush with the top surface.

APPLYING TO VARIOUS SUBSTRATES

Over Steel Checker Plate (Or Similar)

1. Lay out the SlipGrip® Standard Stair Tread on the substrate upside down.
2. Apply the adhesive as stated above. Turn the stair tread over and secure to the substrate, applying bodyweight to expel any air.
3. Using a 3.85mm drill bit, drill through the stair tread and steel checker plate.
4. Once all stair treads have been pre-drilled, using stainless steel screws (Stainless steel Pozi head 32mm x 4.2mm screws, supplied by us or similar), screw the stair treads down and aim to make the screw fixings flush with the top surface.

Over Concrete / Ceramic

1. Lay out the SlipGrip® Standard Stair Tread on the substrate upside down.
2. Apply the adhesive as stated above. Turn the stair tread over and secure to the substrate, applying bodyweight to expel any air.
3. Using a 6mm masonry drill bit, drill through the stair tread and into concrete.
4. Push raw plugs into the 6mm drilled hole and tap to ensure that the raw plugs are flush with the substrate.
5. Once all stair treads have been pre-drilled, using stainless steel screws (Stainless steel Pozi head 32mm x 4.2mm screws, supplied by us or similar), screw the stair tread down and aim to make the screw fixings flush with the top surface.

Over Open Mesh

1. To avoid hitting a load bar of the open mesh, place the SlipGrip® Standard Stair Tread on the open mesh area, then from underneath, mark where you want the fixing to go.
2. Then using a 10mm drill bit, drill through the stair tread and ensure it is in the centre of the open mesh.
3. Once all stair treads have been pre-drilled, using 40mm dome head bolts (supplied by us or similar) push them through the pre-drilled holes.
4. Using a 40mm diameter washer and a nylock nut, tighten up from underneath. (40mm diameter washer and nylock nut supplied by us or similar).

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