

## FibreGrid SlipGrip® Precision Stair Tread Covers



### Product Description

SlipGrip® Precision is an aluminium stair tread cover ideal for environments with heavy footfall requiring a stylish and modern anti slip stair tread solution. This premium step cover combines aluminium with anti slip resin inserts. Drilling with mechanical fixing is recommended with SlipGrip® Precision.

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.

**Southern Office:** Unit 2, Civic Industrial Estate, Homefield Road Central, Haverhill, Suffolk, CB9 8QP  
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## Characteristics

- Aesthetically pleasing - the combination of aluminium and resin inserts are not only exceptionally durable, but also visually attractive
- Highly durable and chemical resistant
- DDA (Disability Discrimination Act) and Building Regulations compliant
- Suitable for internal and external stairs - contemporary look which will blend in well with modern design
- Impact resistant



## Suitable Applications

- Restaurants
- Hotels
- Nightclubs
- Cafes
- Bars
- Entertainment venues



## Suitable Substrates

- Wood
- Metal
- Concrete
- Stone



## Technical Data

Standard lengths for stair treads:	1000mm 1500mm
Stair treads profile:	200mm depth x 55mm nosing
Thickness:	8.5mm with grit
Colours:	Black with Yellow nosing Black with White nosing
Grade:	Medium

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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
Medium grit	73	69

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® Precision 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® Precision 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® Precision 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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## 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.

## 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® Precision 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.

## Mechanical Fixing

SlipGrip® Precision 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.

### **Pre-drilling:**

SlipGrip® Precision Stair Tread Covers can also be predrilled. Just call 01440 712722 and advise the technical sales representative with the measurements.

### **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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