



FIBREGRID

EdgeGrip® Standard Anti Slip GRP Stair Nosings



Product Description

Our EdgeGrip® Standard Anti Slip GRP Stair Nosings are a cost effective and highly durable anti slip GRP stair nosing. It is a solution to the obligations under the Disability Discrimination Act Part III and in particular, the sections relevant to the partially sighted.

In order that the obligations are satisfied, all stairs accessible by members of the public, should have a contrasting coloured nosing fitted to the step edges and should provide a slip resistant top surface.



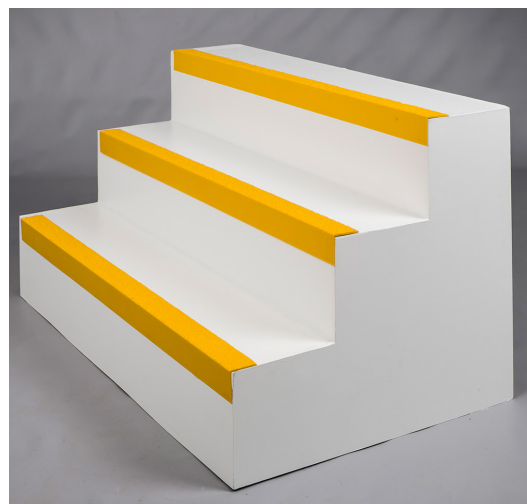
Product Characteristics

- Meets building regulations
- Aids with DDA legislation
- Slip resistant top surface
- Impact resistant
- Fire retardant option
- Corrosion resistant
- Lightweight
- Choice of colours
- Choice of sizes
- Quick installation
- Manufactured to ISO 9001



Suitable Applications

High traffic areas, Spiral staircases, Fire escapes, Most staircases, External stairs (GRP) Internal stairs, Platform edges and Kerb edges (GRP)



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Technical Data

Description:	Slip resistant stair edge nosings	
Top Finish:	Silicon Quartz anti slip grit top surface.	
Stock Colours	Yellow (LVR – 81)	
Thickness:	3mm thick	
Chemical resistance:	GRP - Made from ISO resin as standard. Different chemical resistance available, please call our technical department for advice.	
Nosing sizes:	70x30mm x 600mm	55x55mm x 600mm
	70x30mm x 750mm	55x55mm x 750mm
	70x30mm x 800mm	55x55mm x 800mm
	70x30mm x 1000mm	55x55mm x 1000mm
	70x30mm x 1200mm	55x55mm x 1200mm
	70x30mm x 1500mm	55x55mm x 1500mm
	70x30mm x 2000mm	55x55mm x 2000mm
	70x30mm x 3000mm	55x55mm x 3000mm
Tolerances (including cut):	+/- 3-4mm	
Service temperatures: -	20 to 80°C	
Top Finish:	Silicon Quartz Grit	
Load capabilities:	Credited with no load bearing strength (requires adequate substrate)	
General use:	Standard pedestrian traffic	
Other info:	GRP made via pultrusion method - Ali made via extrusion process	

EdgeGrip® Standard Anti Slip GRP Stair Nosings Anti Slip Resistant Levels

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

Top Surface	Dry Reading	Wet Reading
Type 'E'	69	59

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 65	Moderate
25 and	Below High

To ensure that the above slip resistant levels are maintained the panels should be kept clean in accordance with the attached SlipGrip Standard cleaning guide and tips.

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Preparation

Safety

When installing EdgeGrip® Standard Anti Slip GRP Stair Nosings, personal protective equipment should be worn as a minimum. These include 3M dust masks (or similar), safety goggles, gloves and overalls. EdgeGrip® Standard Anti Slip GRP Stair Nosings should be cut in a well ventilated area or close to extraction points. Dust residue can be disposed of using normal waste disposal methods. No special permissions or licences are required at the time of going to print.

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 nosings to ensure they fit freely and that they sit flat down on the surface. If required, SlipGrip 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.



Application

The following assumes you are using the double fixing method, if not, simply follow the same instructions but without the mechanical fixing element.

All substrates: 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 EdgeGrip® Standard Anti Slip GRP Stair Nosings nosings 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 (similar to the diagram below). 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. Secure with mechanical fixings, as below.

Screw Fixing: Drill two holes on each side of the EdgeGrip® Standard Anti Slip GRP Stair Nosings on the top surface in the centre (grit surface), approximately 50mm in from the side, then approximately every 400-500mm. Dependant on the substrate it may be necessary to increase or decrease this spacing.

Applying to Substrate

Over Timber (or similar materials)

- Step 1 Lay out all pieces of EdgeGrip® Standard Anti Slip GRP Stair Nosings material on the substrate upside down.
- Step 2 Apply the adhesive as stated above. Turn the material over and secure to the substrate, applying body weight to expel any air.
- Step 3 Mark SlipGrip where holes are to be drilled, Using a 6mm masonry drill bit, drill through SlipGrip only exposing the substrate.
- Step 4 Using a 3.85mm drill bit, drill through the stair tread as stated above (for hard wood, you may need to pilot hole).
- Step 5 Once all 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 material down and aim to make the screw fixings flush with the top surface.

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Application

Over Steel Checker Plate (or similar)

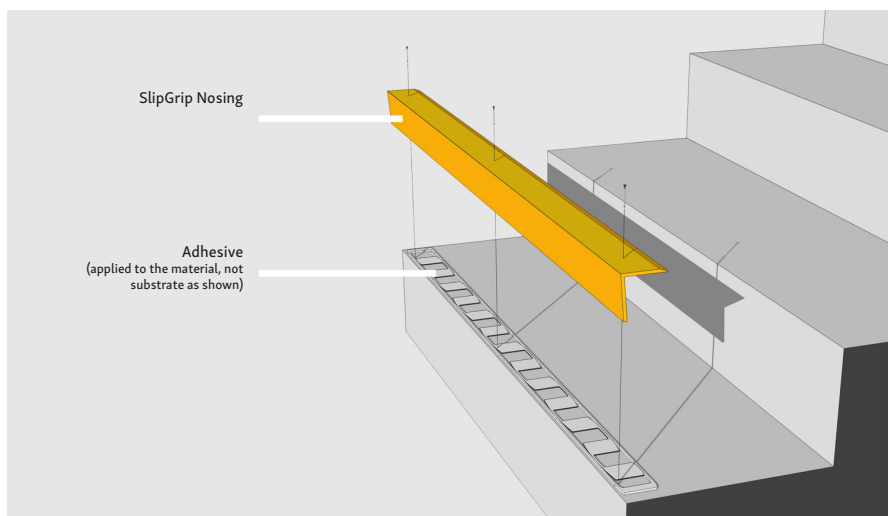
- Step 1 Lay out all pieces of EdgeGrip® Standard Anti Slip GRP Stair Nosings material on the substrate upside down.
- Step 2 Apply the adhesive as stated above. Turn the material over and secure to the substrate, applying body weight to expel any air.
- Step 3 Using a 3.85mm drill bit, drill through the EdgeGrip® Standard Anti Slip GRP Stair Nosings and steel checker plate.
- Step 4 Once all 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 material down and aim to make the screw fixings flush with the top surface.

Over Concrete / Ceramic

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

Over Open Mesh

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



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Cleaning

Whilst EdgeGrip® Standard Anti Slip GRP Stair Nosings 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 EdgeGrip® Standard Anti Slip GRP Stair Nosings has been subjected to spillages or the dirt has become embedded, detergents such as our Standard Degreaser or similar can be used. It is always advisable to test any cleaning product on EdgeGrip® Standard Anti Slip GRP Stair Nosings before starting the cleaning procedure. This can be done in 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, EdgeGrip® Standard Anti Slip GRP Stair Nosings can be power washed without causing harm. Care should be taken when the EdgeGrip® Standard Anti Slip GRP Stair Nosings has been stuck down and/or edge sealed as very high-pressure power washing or repeated power washing could cause damage to sealants and adhesives.

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.

Unit 2, Civic Industrial Estate, Homefield Road Central, Haverhill, Suffolk, CB9 8QP

Online: www.fibregrid.com

Email: sales@fibregrid.com

Phone: 01440 712722

Fax: 01440 712733

