

EdgeGrip® Heavy Duty Anti Slip GRP Stair Nosings



Product Description

EdgeGrip® Heavy Duty Anti Slip GRP Stair Nosings are a long-lasting and highly durable fibreglass (GRP) anti slip stair nosing. Two grades are available for internal and external application.

Our EdgeGrip® Heavy Duty Stair Nosings incorporate a unique ExtremeCore® ceramic grit measuring a tough 9 on the MOHs hardness scale (diamond is 10), meaning they are twice as durable as standard quartz nosings. This means they are suitable for extreme traffic conditions, and will last for years.

The 55mm contrasted coloured nosing also makes them Building Regulation and Disability Discrimination Act Part III compliant (in particular, the sections relevant to the partially sighted).



Product Characteristics

- Meets building regulations
- Aids with DDA legislation
- Slip resistant top surface
- Impact resistant
- Fire retardant option
- Corrosion resistant
- Lightweight
- Non sparking (GRP)
- Non metallic (GRP)
- Tough and durable
- 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)



Colours

Yellow, White or Black.

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Technical Data

Description:	Slip resistant stair edge nosings
Top Finish:	ExtremeCore®: Silicon Oxide Grit.
Stock Colours	Yellow, White or Black Yellow (LVR – 81), White (LVR – 86)
Thickness:	3mm thick
Chemical resistance:	GRP - Made from ISO resin as standard. Different chemical resistance available, please call our technical department for advice.
Lengths:	600m, 750mm, 800m, 1000m, 1200mm, 1500mm, 2000mm or 3000mm
Nosing profiles:	55mm x 55mm or 70mm x 30mm
Tolerances (including cut):	+/- 3-4mm
Service temperatures: -	20 to 80°c
Load capabilities:	Credited with no load bearing strength (requires adequate substrate)
Design life:	10+ years (subject to traffic analysis)
General use:	Standard pedestrian traffic
Other info:	GRP made via pultrusion method - Ali made via extrusion process

Heavy Duty EdgeGrip® 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'	76	70

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.



Preparation

Safety

When installing Heavy Duty EdgeGrip® standard personal protective equipment should be worn as a minimum. These include 3M dust masks (or similar), safety goggles, heavy duty gloves and overalls. Heavy Duty EdgeGrip® 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.

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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 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

1. Apply an 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 nosings approx. 50mm in from the edges. If you are fixing your nosing to carpet or similar material - you can skip the adhesive section of application. The adhesive is best applied using a skeleton gun.
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 stair nosing, the first approximately 50mm in from each edge. For larger nosings, it may be necessary to have further fixing points in the centre of the tread. Pre-drilling the holes before drilling into the substrate is recommended.

Cleaning

Whilst Heavy Duty EdgeGrip® 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 Heavy Duty EdgeGrip® has been subjected to spillages or the dirt has become embedded, detergents such as EdgeGrip® Degreaser or similar can be used. It is always advisable to test any cleaning product on Heavy Duty EdgeGrip® 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, Heavy Duty EdgeGrip® can be power washed without causing harm. Care should be taken when the Heavy Duty EdgeGrip® 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.

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