



**GRIPDEX**

Safety Solutions for Decks & Floors

# Data Sheet

## GRP – Anti slip strips & nosing

### Description:

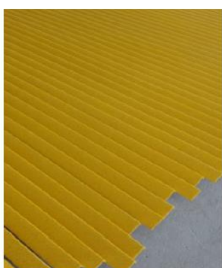
Fiberglass anti-slip products are capable of dealing with the busiest of environments. Manufactured from a fiberglass base it has been enhanced and strengthened by adding high grade vinyl ester resin coating. The surface strong aluminium oxide grit provides an excellent slip resistant surface that will last for many years. These products are designed for new or retro fitting on concrete, metal and timber surfaces where pedestrian safety, longevity and appearance is of particular concern.

### Characteristics:

- Our fiberglass stair nosing and strip reach R13 rating of anti-slip
- Coated with high grade epoxy vinyl ester resin
- Supplied as medium aluminium oxide grit with fine and course available as special order
- Black, & yellow as standard with white, green, red & grey colours available as special order
- Available in 1m & 2m lengths as standard with other lengths available as special order
- Manufacturers guarantee for 5 years under normal conditions
- Can be fixed using an adhesive or by drilling and screwing for high volume traffic areas.

### Dimensions:

Product	Dimension (A x B x T)	Gram/meter	Sketch
Stair Nosing	40x25x4mm	480	
	50x30x4mm	580	
	70x10x4mm	580	
	70x30x4mm	720	
	152x25x4mm	1530	
	228x25x4mm	2210	
Stair Tread Cover	55x55x4mm	810	
	345x55x4mm	3730	
Flat Strip	50x4mm	360	
	90x4mm	650	
	120x4mm	860	



## **Installation Guide:**

All customers should satisfy themselves that the products they order from our company suitable for their project and will be used for their intended purpose. When cutting and installing GRP products, only standard basic PPE (Person Protective Equipment) is required such as goggles, gloves, dust mask and suitable work clothing including footwear.

**General:** Ensure the area that is to be covered is clean, dry and free from rot (timber) rust (metal) oil & grease etc. and for outdoor applications from moss and mould etc. You need to ensure there will be a solid connection between the base and the GRP product being installed. Any loose or damaged areas must be made good to provide an even surface, however small undulations can normally be catered for by applying a thicker bead of adhesive where needed. When cutting GRP, the area should be well ventilated and cut smooth side up using an angle grinder with a suitable disc or a jig saw with a tile cutting blade.

**Fixing:** We recommend fixing these products in place with a MS Polymer type adhesive such as GRIPDEX Clear Decking Adhesive as well as mechanical fixings such as screws or bolts especially in high volume traffic areas. The mastic should be applied in zig-zag lines, and for angles and nosing's. A bead should be run along the angle between the tread and the downturn to ensure full contact with the substrate. For fixing Deck Strips, a suitable primer may be needed. The adhesive should be applied in zig-zag lines, as well as around the perimeter

When laying wide strips or panels side by side or end to end, a nominal 3 to 4mm gap should be left and filled with mastic to allow for expansion and contraction. As a guide, one 290ml tube of adhesive should be enough to fit 3 to 4 treads (1000mm x 300mm) or approximately 1.5 to 2m<sup>2</sup> of flat panel.

If using screws or bolts, holes should be drilled 45mm from the edge of the tread or plate in each corner and along the edges where appropriate (treads only) and at 500mm centres on larger sheets. Holes should be drilled with an appropriate clearance and countersunk to avoid snagging problems. When drilling holes, we recommend drilling from the un-gritted surface.

**Maintenance:** Our GRP products are extremely hardwearing and virtually maintenance free. However, to maintain maximum slip resistance they will require periodic cleaning. How often cleaning is required will be site specific and depend on the volume of traffic. Generally, a stiff brush and hot soapy water will be sufficient to remove most dirt, alternatively a diluted detergent can also be applied for more stubborn marks. It is recommended that you apply this to a small sample in advance to ensure its suitability. If the project area is suitable, cleaning the anti-slip surface with a low bar pressure washer is a highly effective cleaning method. Ensure the nozzle is on "spread" rather than "point" so it will not compromise the gritted surface and keep the nozzle approx. 300mm from the anti-slip surface.

Each year, an inspection of the fixings and integrity of the adhesive should be carried out to prolong the products life. In the case of frost and snow, additional anti-slip products are often used such as salts, this will not have any detrimental effect to the GRP but may affect the fixings / adhesive.

The comments above are only a guide and is by no means comprehensive. Always employ safe working practices as every installation and maintenance requirements will be site specific.