



**NONSLIPSHOP.co.uk**  
PREVENTING SLIPS, TRIPS & FALLS

## ANTI-SLIP GRP FLOORING SHEETS



### DESCRIPTION

Anti-slip GRP flooring sheets provide a cost-effective anti slip solution to improving safety in potentially hazardous areas such as steps, platforms, ramps and walkways. Our products are manufactured in the UK, using a pigmented quartz grit which is impregnated into the surface of hard-wearing corrosion resistant GRP (Glass Reinforced Plastic – Fibreglass), ensuring quality is high and products are reliable. Our panels are designed to be installed onto a range of existing materials such as; concrete, timber and steel surfaces using structurally bonding adhesives and mechanical fixings.

We offer a bespoke service providing a range of thicknesses, sizes and colours to meet customer requirements. Each project is different and requires products of different sizes, we will manufacture to size eliminating waste and saving time.

## UK'S LEADING MANUFACTURER OF GRP FLOORING PRODUCTS

info@nonslipshop.co.uk | 01952 327757 | www.nonslipshop.co.uk



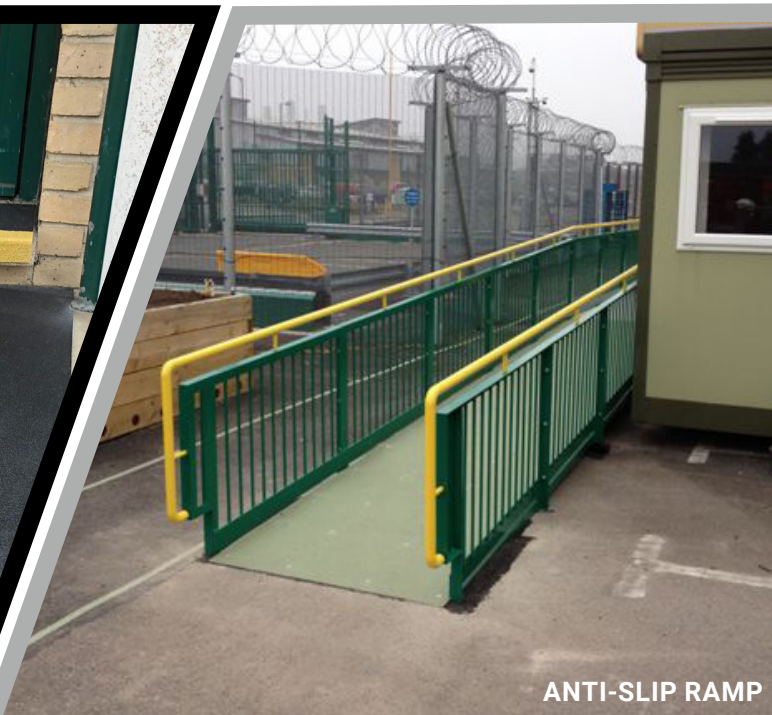


**NONSLIPSHOP.co.uk**  
PREVENTING SLIPS, TRIPS & FALLS

## APPLICATIONS



LANDING BOARD



ANTI-SLIP RAMP

- Access ramps
- Railway platforms
- Heavy pedestrianised walkways
- Decking & landing areas
- Bridges & underpasses

- Oil rigs
- Factory floors
- Marine environments
- Council buildings and schools



ANTI-SLIP SHEETS ON BRIDGE



ANTI-SLIP SHEETS OUTSIDE OF CASTLE

info@nonslipshop.co.uk | 01952 327757 | www.nonslipshop.co.uk





**NONSLIPSHOP.co.uk**  
PREVENTING SLIPS, TRIPS & FALLS

## OPTIONS

|                                                                                                        |                                                                                                                   |
|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Thicknesses:</b>                                                                                    | 3mm – 12mm                                                                                                        |
| <b>Stock sizes:</b>                                                                                    | 800mm x 1200mm<br>1200mm x 1200mm<br>2440mm x 1220mm<br>3000mm x 1500mm                                           |
| <b>Bespoke Sizes (No additional cost):</b><br><br>For specific sizes and thicknesses contact us today* | (Maximum of 3000mm x 3000mm per unit for transport purposes)                                                      |
| <b>Tolerances</b>                                                                                      | +/- 3-4mm                                                                                                         |
| <b>Additional Options:</b>                                                                             | Contrasting colour lines on edges<br>Chamfered edges<br>Fire Retardent<br>Pre-drilling & Countersinking available |
| <b>Operating Temperature</b>                                                                           | -20°C to 80°C                                                                                                     |
| <b>Suitable Substrates</b>                                                                             | Concrete, Timber, Steel, Stone & Open Mesh Grating                                                                |
| <b>Fixing Methods</b>                                                                                  | Adhesives and/or Mechanical Fixing (Fitting Guide below)                                                          |

### COLOUR OPTIONS\*



RAL 7035



RAL 9004



RAL 6011



RAL 7043



RAL 3002



RAL 8002



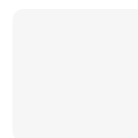
RAL 1019



RAL 1003



RAL 5002



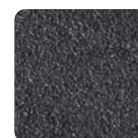
RAL 9016

\*CONTACT US FOR ANY OTHER RAL COLOURS

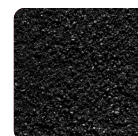
### GRIT OPTIONS



FINE



MEDIUM



DOUBLE



The product was tested in both wet and dry conditions using a pendulum tester and following the guidelines presented by the U.K. slip resistance group.

Additionally, an accelerated wear test was carried out on the product and the testing repeated in an attempt to assess the likely performance of the product following the most rigorous in-service conditions it is likely to encounter in normal use.

The product has been extensively tested by an independent test house and was found to comply with current British standards as an enhanced non slip material on a flat or sloping surface and in both wet and dry conditions



**TABLE 1** POTENTIAL FOR SLIP - PENDULUM TESTER + FOUR "S" RUBBER

| Potential for Slip        | High | Moderate | Low |
|---------------------------|------|----------|-----|
| Pendulum Test Value (PTV) | 0-24 | 25-35    | 36+ |



**TABLE 2** TEST RESULTS – SLIP RESISTANCE

| Test | Floor Type                                         | Slider Rubber Type | Mean PTV – wet (CoF) | Mean PTV – dry (CoF) |
|------|----------------------------------------------------|--------------------|----------------------|----------------------|
| 1    | "Anti-Slip Material"                               | Four "S"           | 68<br>(0.68)         | 78<br>(0.78)         |
| 2    | "Anti-Slip Material" after accelerated wear regime | Four "S"           | 51<br>(0.51)         | 67<br>(0.67)         |



**TABLE 3** ASSESSMENT OF SLIP POTENTIAL (UKSLG) BASED ON PTV

| Test | Comments on surface                                | Rubber slider type | Potential for slip PTV – Wet | Potential for slip PTV – Dry |
|------|----------------------------------------------------|--------------------|------------------------------|------------------------------|
| 1    | “Anti-Slip Material”                               | Four “S”           | Low                          | Low                          |
| 2    | “Anti-Slip Material” after accelerated wear regime | Four “S”           | Low                          | Low                          |



**TABLE 4** SUMMARY OF SLIP REQUIREMENTS AND CLASSIFICATIONS – BS 4592-0:2006

| BS 4592 Classification           | Minimum Coefficient of Friction |                                  |                                  |
|----------------------------------|---------------------------------|----------------------------------|----------------------------------|
| Unsuitable for wet conditions    | Horizontal surface              | Inclined surface- 1 in 12 (4.8°) | Inclined surface- 1 in 15 (3.8°) |
| Slip resistant flooring          | 0.4 to less than 0.6            | 0.48 to less than 0.68           | 0.47 to less than 0.67           |
| Enhanced slip resistant flooring | 0.6 or more                     | 0.68 or more                     | 0.67 or more                     |

Taking the results presented in Table 2 and the information in Table 4 it is apparent that the our anti-slipv product would, as supplied i.e. new and when used as a horizontal surface, be classified in accordance with BS 4592-0: 2006(5) as “an enhanced slip resistant surface”.



### WEATHER RESISTANCE

Our products are resistant to the following:

- Freeze thaw cyclical effects
- Degrading by ultra-violet radiation
- Degrading by low and high temperatures within a range of -20°C to 80°C



### MAINTENANCE GUIDE AND TIPS

The product should be routinely maintained by using a simple mixture of water and a mild detergent. This means the maintenance costs are minimal.

The product is resistant to de-icing salts and common cleaning agents. This resistance helps clean any form of graffiti, grease or chewing gum.

In the unlikely event that of any damage to the product it can be removed and replaced very easily.



### CHARACTERISTICS / BENEFITS

- Quick & easy installation
- Low maintenance
- UV Stable
- Corrosion resistant
- Chemical Resistant
- Light weight
- Long lasting and durable
- Cost-effective



**NONSLIPSHOP.co.uk**  
PREVENTING SLIPS, TRIPS & FALLS

## INSTALLATION



## INSTALLATION

- Adhesive
- Mechanical Fixing

1. Firstly, make sure that the surface is fully cleaned, dry and prepared, therefore being ready to have our Anti-Slip Material installed on top of it.
2. Make sure that the product is exactly the correct size for the surface you, the fitter, are installing on to.
3. Now prepare your adhesive (Two-part tubs or Twin tubes).
4. Apply this adhesive on the appropriate area.
5. Place your Anti-Slip material down, making sure it is in the correct position.
6. Prepare your mechanical fixings – may need a raw plug or holes drilling into the ground.
7. Apply your mechanical fixings.
8. Leave the adhesive to dry.
9. Once dry, use the product freely.



info@nonslipshop.co.uk | 01952 327757 | www.nonslipshop.co.uk

