



## GRP Anti Slip Decking Strips Data Sheet & Installation Guide



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## GRP Decking Strips Technical Data

### Description

GRP Decking Strips are the quick and easy solution for dealing with the slip issues associated with standard timber decking. The Strips are simply screw fixed on to the existing timbers, through the pre-drilled holes, using the suitable Decking Strip screws provided. Traditional timber decking can be extremely slippery underfoot. The addition of GRP Decking Strips offers an instant remedy with its slip resistant surface.

### GRP Decking Strips Characteristics

|                            |                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------|
| Includes pre-drilled holes | Includes decking screw fixings (zinc plated, stainless steel available at additional cost) |
| AntiSlip top surface       | Chamfered edges for safety                                                                 |
| Quick and easy to install  | Choices of widths                                                                          |
| Choices of colours         | Choices of sizes                                                                           |
| Extreme hard wear surface  | No scrap value                                                                             |

### GRP Decking Strips Applications

Public Decking Areas

### GRP Decking Strips Typical Technical Data

|                             |                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Description:                | Slip resistant decking strips                                                                                               |
| Top finish:                 | <b>AntiSlip</b> Grit Top Surface in 'Coarse' grade or 'Fine' grade.                                                         |
| Stock colours               | Yellow, Stone and Black                                                                                                     |
| Thicknesses:                | Nominally 3mm thick with chamfered edges                                                                                    |
| Chemical resistance:        | Made from Ortho resin as standard. Different chemical resistance available, please call our technical department for advice |
| Panel sizes:                | 3mm thick, 50mm, 90mm and 120mm wide, 1200mm and 2400mm long with chamfered edges                                           |
| Panel weights:              | 0.25kg per metre                                                                                                            |
| 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/some vehicle traffic                                                                            |
| Other info:                 | Made via pultrusion method                                                                                                  |

### Pre-drilled holes configuration

**All holes are 6mm diameter and the end holes are 50mm in from the edges. For the 120mm strips there are two rows of holes, each row are 30mm in from the chamfered edges.**

| Type                  | Total Holes                | Approx. Centres |
|-----------------------|----------------------------|-----------------|
| <b>50mm x 1200mm</b>  | <b>7</b>                   | <b>183mm</b>    |
| <b>50mm x 2400mm</b>  | <b>14</b>                  | <b>183mm</b>    |
| <b>90mm x 1200mm</b>  | <b>7</b>                   | <b>183mm</b>    |
| <b>90mm x 2400mm</b>  | <b>14</b>                  | <b>183mm</b>    |
| <b>120mm x 1200mm</b> | <b>14 (two rows of 7)</b>  | <b>183mm</b>    |
| <b>120mm x 2400mm</b> | <b>28 (two rows of 14)</b> | <b>183mm</b>    |

## GRP Decking Strips Slip Resistant Levels

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

| Top Surface | Dry Reading | Wet Reading |
|-------------|-------------|-------------|
| Fine        | 67          | 60          |
| Coarse      | 85          | 65          |

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 GRP Decking Strips cleaning guide and tips.

## GRP Decking Strips Installation Guide and Tips

### Overview Video



We have put together an overview video of the GRP Decking Strips. This includes a brief overview of the Installation method.

The video can be seen by clicking this link or clicking the Image to the left: <https://youtu.be/datywSkDMg4>

### Safety

When installing GRP Decking Strips, standard personal protective equipment should be worn as a minimum. These include 3M dust mask (or similar), safety goggles, heavy duty gloves and overalls. If required, GRP Decking Strips 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.

## Preparation

Ensure that the areas that are to have GRP Decking Strips fitted are clean and 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.

Dry fit all GRP Decking Strips profiles to ensure that they fit freely and that they sit flat down on to the surface. If required, GRP Decking Strips 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. Once you have the GRP Decking Strips in the correct place, using a marker, mark through the pre-drilled holes onto the substrate.

**Please ensure that goggles and gloves are worn at all times when any form of cutting is involved.**

## Fitting the GRP Decking Strips

Dry fit all strips to ensure correct fit, place strips in position using screws provided drill through pre-drilled holes and into the substrate, repeat on all of the pre-drilled holes. (if drilling into hardwood a pilot hole may be required).

## GRP Decking Strips Cleaning Guide and Tips

Whilst GRP Decking Strips are 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 GRP Decking Strips have been subjected to spillages or the dirt has become embedded, detergents such as Grezoff or similar can be used. It is always advisable to test any cleaning product on GRP Decking Strips 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, GRP Decking Strips can be power washed without causing harm. Care should be taken when the GRP Decking Strips have 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 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.