

DURATile

Anti Slip GRP Tactile Paving



DESIGN

SUPPLY

FABRICATE

INSTALL



Anti Slip GRP Tactile Paving is a 4mm thick GRP tile incorporating raised profiles to warn people approaching a change in elevation, such as railway platforms and pedestrian crossings. Available in blister and corduroy designs, the raised areas incorporate aluminium oxide for increased wear and slip resistance.

CHARACTERISTICS

- Optional chamfered edges
 - Slip resistant top surface
 - Impact resistant
 - Fire retardant option
 - Corrosion resistant
 - Lightweight
- Non sparking
 - Non metallic
 - Tough and durable
 - Choice of colours
 - Quick installation
 - Manufactured to ISO 9001

SUITABLE APPLICATIONS

- ✓ Railway platforms
 - ✓ Stairways
- ✓ Pedestrian crossings
 - ✓ Cycling lanes

TECHNICAL DATA

Description:	Slip resistant tactiles		
Top finish:	On-street blister 	Off-street blister 	Corduroy tiles 
Stock colours:	Buff Red		
Thickness:	4mm thick with optional chamfered edges		
Chemical resistance:	Made from ortho resin as standard Different chemical resistance available, please call our technical department for advice		
Panel size:	400mm x 400mm		
Panel weights:	Blisters: 1.2kg Corduroy: 1.5kg		
Tolerances (including cut):	+/- 3-4mm		
Service temperatures:	-20°C to 80°C		
Load capabilities:	Credited with no load bearing strength (requires adequate substrate)		
Design life:	7+ years (subject to traffic analysis)		
General use:	Standard pedestrian traffic		
Other info:	Made via sheet mould compound (SMC) method		

SLIP RESISTANCE VALUES

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

Top Surface	Dry Reading	Wet Reading
Standard grit surface	75	60

To ensure that the above slip resistance levels are maintained, the stair treads should be kept clean.

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 - 65	Low
25 - 35	Moderate
25 & Below	High

CLEANING GUIDE & TIPS

Whilst our Anti Slip GRP Tactile Paving 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 the Anti Slip GRP Tactile Paving has been subjected to spillages or the dirt has become embedded, detergents such as SlipGrip Degreaser or similar can be used. It is always advisable to test any cleaning product on Anti Slip GRP Tactile Paving 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, Anti Slip GRP Tactile Paving can be power washed without causing harm. Care should be taken when the Anti Slip GRP Tactile Paving 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.

PERSONAL PROTECTION EQUIPMENT

When installing Anti Slip GRP Tactile Paving, 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, Anti Slip GRP Tactile Paving 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.



- ✓ Eye Goggles
- ✓ Protective Gloves
- ✓ Overalls
- ✓ Dust mask (available from FibreGrid)

HANDLING & STORAGE



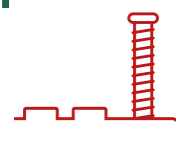
Safe handling practices should always be employed and the appropriate Personal Protection Equipment is to be worn.



PREPARATION

- ✓ Ensure that the areas that are to have Tactile Paving 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 Tactile Paving tiles to ensure that they fit freely and that they sit flat down on to the surface.
- ✓ If required, the tiles can be trimmed on site to suit using an industrial jigsaw and appropriate cutting blades (Bosch "T101 A1F" or similar are ideal).
- ✓ Please ensure that goggles and gloves are worn at all times when any form of cutting is involved.

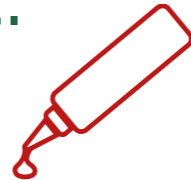


SCREW FIXING APPLICATION

1. 	<p>If you plan to fit the product using screw fixings the following applies: Drill four holes on each corner of the tile, approx 50mm in from each edge.</p>
2. 	<p>Use the first drilled profile as a template for the other panels so as to achieve some form of uniformity.</p>
3. 	<p>Simply drill through the tile and into the existing substrate, then screw fix the tiles in place.</p>

Whilst mechanical fixings are all that is required to secure Tactile tiles, wherever possible, the application of an appropriate high strength gap filling adhesive (webbgrip or similar) will provide the following benefits:

- A secondary fixing in the event that the mechanical fixings should fail.
- A barrier against the "drumming" noise that is created when fitting a cover over the existing substrate

ADHESIVE APPLICATION

1. 	<p>Apply approximately 8 evenly spaced lines (approx. 6mm thick) of the high strength gap-filling adhesive along the underneath of the tile, running it along the whole length of the tile but finishing approximately 5mm from each end.</p>
2. 	<p>Immediately press the tile firmly to the substrate to ensure adequate transfer of the adhesive. A firm bond will be achieved in about one hour under normal circumstances and conditions.</p>
3. 	<p>Secure with mechanical fixings and allow the adhesive sealant to cure before full traffic use.</p>

Anti Slip GRP Tactile Paving can also be fixed without the need for mechanical fixings, although a polyurethane adhesive sealant is recommended. This adhesive should be applied in the same way as the application of the gap filling adhesive above. Once installed do not allow the area to be used for a minimum of 24 hours.

Regardless of the cure time, DO NOT put the areas back into service until all tiles have been checked and confirmed as secure.



These installation instructions are to be used as a guide. Always employ safe practices. It is recommended to first test the suitability of any fixing method on a small area before carrying out a full installation programme.



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