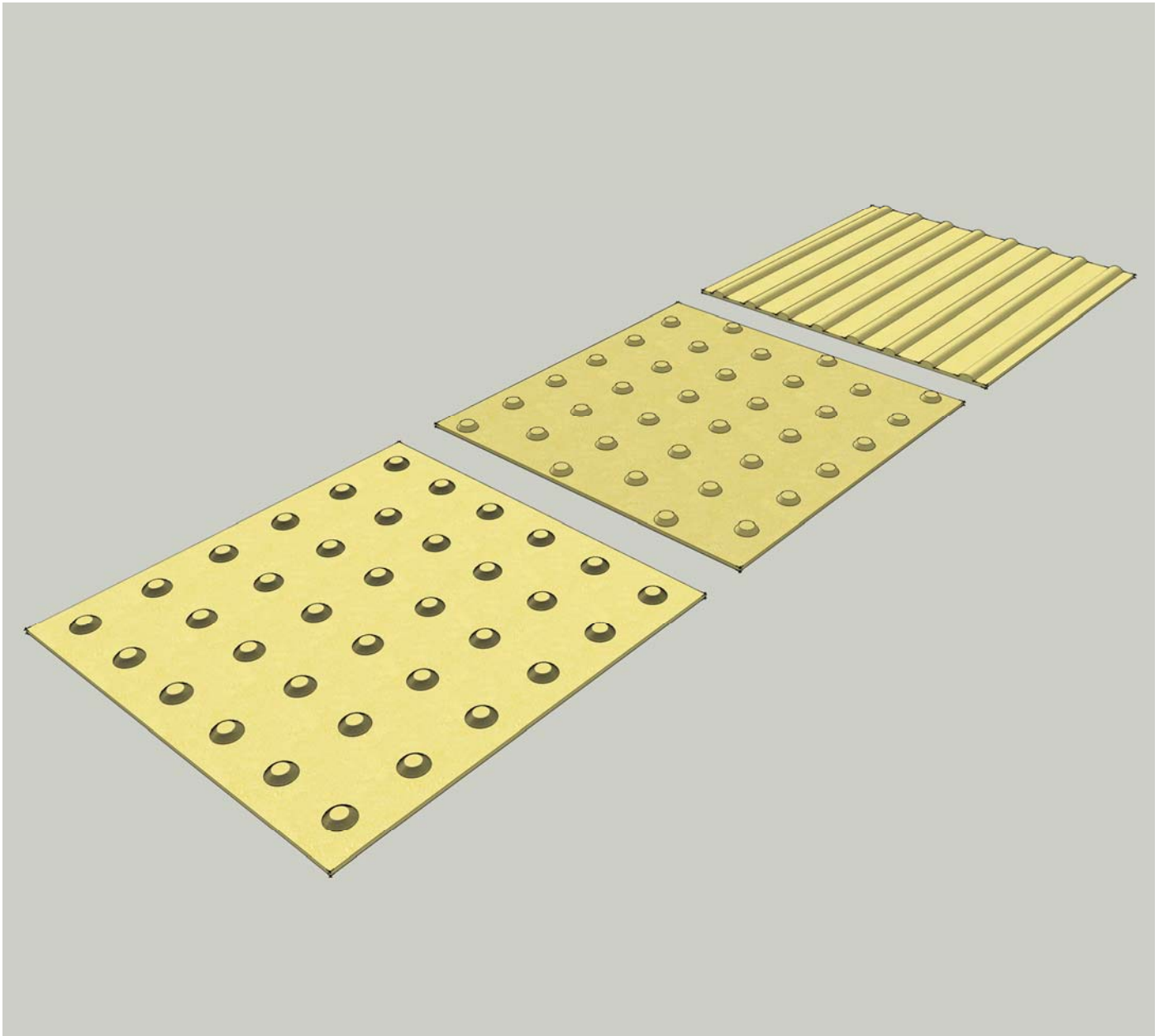


# TactileGrip Data Sheet & Installation Guide

Blister On Street  
Blister Off Street  
Corduroy Tactile



## TactileGrip Technical Data

### Description

TactileGrip is a 4mm thick GRP tile incorporating raised profiles to warn people when they are approaching a change in elevation such as railway platforms, pedestrian crossings, staircase ascent and descent areas and many other applications.

Available in blister and corduroy designs, the raised areas incorporate aluminium oxide for increased wear and slip resistance.

### TactileGrip Characteristics

Min. excavation required	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	Very little down time
No scrap value	Useable almost immediately

### TactileGrip Applications

Railway platforms	Stairways
Pedestrian crossings	Cycling lanes

### TactileGrip Typical Technical Data

Description:	Slip resistant Tactile tiles
Top Finish:	On-street blister, off-street blister and corduroy tiles
Stock Colours	Buff and red
Thicknesses:	Nominally 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 sizes:	400mm x 400mm
Panel weights:	Blisters: 1.2kg Corduroy: 1.5kg
Tolerances (including cut):	+/- 3-4mm
Service temperatures:	-20 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

### TactileGrip Slip Resistant Levels

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

Top Surface	Dry Reading	Wet Reading
Standard grit surface	75	60

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 TactileGrip cleaning guide and tips.

## TactileGrip Installation Guide and Tips

### Safety

When installing Tactile Flooring, 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, Tactile Flooring 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 Tactile Flooring 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 Flooring 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.**

Drill the fixing locating holes in all the panels. Whilst individual circumstances will vary, the following can be used as a guide:

### Fitting the Tiles

#### Screw fixings

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. Use the first drilled profile as a template for the other panels so as to achieve some form of uniformity. Simply drill through the tile and into the existing substrate. Then screw fix the tiles in place.

#### Fitting the tile

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.

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

## Recommended Mechanical Fixings

### Over Timber

30mm zinc plated or stainless steel screws.

### Over Steel Plate

20mm self-tapping pan head Pozi stainless steel screws, or, 20 self-drilling pan head Philips zinc plated screws.

### Over Concrete

30mm zinc plated or stainless steel impact anchors (Hilti HPS-1 or similar).

### Over Open Mesh

Stainless steel or zinc plated saddle clips and domed head bolts suitable in length for the depth of the existing treads.

## Adhesive Fixings

Tactile Flooring can be fixed without the need for mechanical fixings. Gap filling adhesives can be used although careful consideration should be given when just using this adhesive. For use on high traffic and outside areas 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. 3M 5200 FC is recommended, data sheets are available on request.

## TactileGrip Cleaning Guide and Tips

Whilst TactileGrip 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 TactileGrip has 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 TactileGrip 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, TactileGrip can be power washed without causing harm. Care should be taken when the TactileGrip 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.