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Tactile Paving

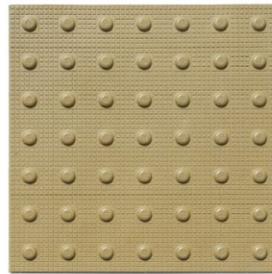
Installation Guide

The Tactile paving system is quick and easy to install using a two part adhesive. Following recent design developments we now offer 'Moisture tolerant' adhesive which allows customers to fit the paving all year round in damp conditions. The flexible properties of the tile and ability for the adhesives to be laid as a screed allow the tiles to deal with minor contours and imperfections in the substrate and make them easy to cut to any shape.

- Quick and easy to install
- Bonds to existing substrate
- No excavation needed
- Conforms to DDA/2005 and DETR guidelines



Corduroy tactile paving



Blister tactile paving



Adhesive

Disclaimer

As the application of the tactile paving tiles is outside the control of the seller, no liability shall exist for any direct or consequential loss arising from their use. The attached installation instructions are provided as a guideline only and full training is available and highly recommended before use.

Preliminary precautions before application

We do not recommend installation of these tiles directly onto newly laid asphalt. These tiles can only be used on sound and well consolidated substrate. Allow at least 28 days before fitment onto new asphalt ensuring flux oils are removed from the surface, as these oils can lead to poor adhesion between the tile and asphalt. Scrubbing with biodegradable detergent prior to application of adhesive. Extreme temperature will also hinder workability of the adhesives, therefore do not install in air temperatures below 5°C or above 40°C.

Tools that you will need:

- Duct tape (75mm)
- Chalk or chalk line
- Wheel/roller
- Power drill with plaster mixing paddle
- Angle-grinder with abrasive or diamond cutting disc (115mm diameter)
- Kiln dried sand
- Stiff brush
- Tape measure
- Fine serrated plasterer's float (5mm)
- White spirit

PPE

Standard protection required for road work safety with the addition of the following:

- Stanley knife
- Disposable gloves
- Dust mask
- Eye protection
- Knee pads

Site Preparation

- 01 These tiles can only be used on a sound and well consolidated substrate, if laying on asphalt ensure that the asphalt is machine laid with a 120-150 Penetration Grade Bitumen used as a binder.
- 02 The work site must be dry and free from dust debris or contaminants paying particular attention to the joints between pavements, kerbs or site edges.
- 03 Lay out tiles in the required format and position on site, cutting any shape prior to applying adhesive using a 115mm angle grinder.
- 04 Mark out around the boundary of your tile format with duct tape, ensuring enough room to gap the internal edges of the tiles by 2-3mm to allow for possible thermal expansion.
- 05 Remove the tiles and prepare the work site for adhesive.
- 06 Best adhesion results are achieved when surface on which tiles are to be laid are mechanically scabbed or diamond ground, followed by the use of an industrial hoover to remove dust and debris.
- 07 Large indentation or irregular surfaces will need to be screeded with a layer of adhesive and allowed to dry before further work can take place. This will ensure that no air pockets are created.
- 08 When mixing adhesive add liquid hardener to base material and mix thoroughly using an electric drill fitted with a paddle. Paying particular attention to the edges and base of the tub.

Installation Process



Step 01

Firmly sweep away any loose debris.



Step 02

Lay out tiles in correct format. Firmly sweep away any loose debris



Step 03

Cut tiles if necessary.



Step 04

Apply duct tape to tile boundary.



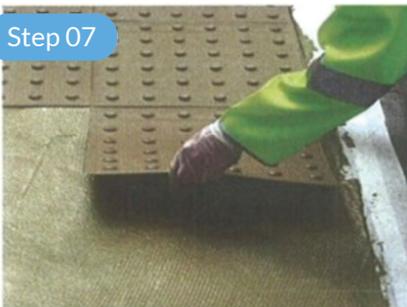
Step 05

Thoroughly mix adhesive.



Step 06

Pour then screed adhesive.



Step 07

Apply tiles, slightly roll tiles from edge.



Step 08

Seal edges using a bead of adhesive.



Step 09

Apply kiln dried sand to edges.

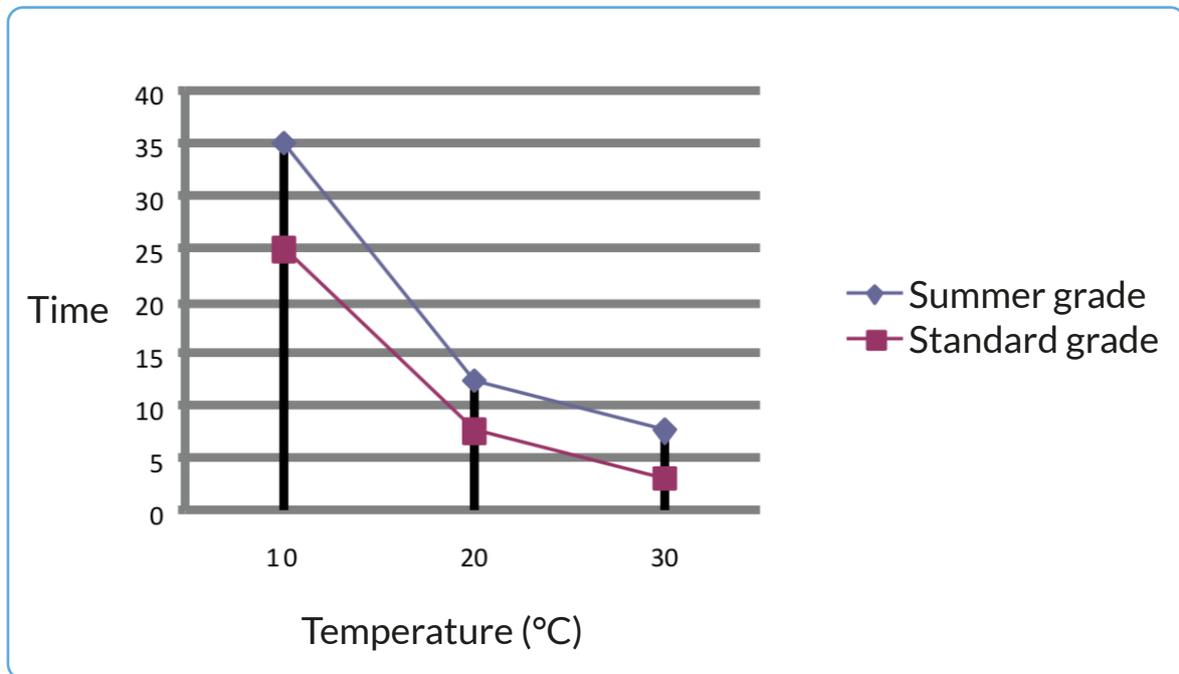


Step 10

Carefully remove tape to complete installation.

Site Preparation continued

- 09 Once mixed the adhesive will start to cure in the tub within a few minutes. By removing mix from the tub and spreading over the work site a longer working time can be achieved. (Depending on ambient temperature this could be between 30 mins-2 hours but please refer to the cure table.



- 10 Apply mixed adhesive to prepared surface using a serrated float keeping within the duct tape boundary but tight to all edges. A standard pack of adhesive contains 3.5 litres-equal to 2.2mm@1.6m squared. (1 standard box of ten tiles)
- 11 Apply the tiles to the adhesive by slightly rolling from one edge making sure that no air is trapped beneath. Use of a wheel/roller working from the centre of the tile out.
- 12 Press gently over the entire surface to thoroughly bed in the tiles paying particular attention to the corners and edges.
- 13 To finish the joints, kiln dried sand the same colour as the tiles can be applied while the adhesive is still wet and swept off when full curing has occurred.
- 14 To remove any excess adhesive allow to skin over then remove with a scraper. A small amount of white spirit can then be used to wipe away any residue.
- 15 Duct tape should be removed once adhesive has started to skin over.

**THESE TILES MUST NOT BE LAID IN WET OR DAMP CONDITIONS,
UNLESS THE MOISTURE TOLERANT ADHESIVE IS USED**