



CobbleTac® Porcelain Tactiles

INSTALLATION INSTRUCTIONS

LAYOUT REQUIREMENTS

Some installation requirements may vary and must be installed in the manner prescribed in AS1428.

PREPARATION OF SUBSTRATES

Uneven sub-floors may need preparation to meet the required standard. The nominated contractor is responsible for the inspection and preparation of the sub-floor prior to the installation of CobbleTac® Porcelain Tactiles. For timber surfaces a polypropylene plastic layer, expanded mesh and cementitious base is sufficient to provide a suitable substrate.

INSTALLATION

CobbleTac® Porcelain Tactile must be laid level with the surrounding surface so that the tactile studs stand proud. This allows pedestrians, including the vision impaired, to feel the studs in travel.

SPACING

CobbleTac® Porcelain Tactiles must be laid with a 2 to 3mm space between each tile and the surrounding substrate. They must not be butt joined as normal substrate movement will most likely lead to product failure. CobbleTac® Porcelain Tactiles must NOT be laid into wet concrete. This process does not provide the required space between each tile and surrounding surfaces and may result in product failure. **IT IS RECOMMENDED THAT ALL JOINTS BE SEALED USING A COMPRESSIBLE SEALANT OR SUITABLE GROUTING MATERIAL.** Refer to the Approved Products List – Grouting materials.

RECESSING

When installing Tactiles into concrete or bitumen, a 12mm recess must be provided. This is achieved by using a suitable template at the concrete/bitumen pouring stage.

Alternatively, an existing concrete/bitumen substrate can be saw cut to provide a suitable recess. This is achieved by:

- i. saw cutting the periphery of the tactile pad and then across the width of the pad every 30 to 50mm to an approximate depth of 15mm. The overall length and width of the saw cut recess must be suitable for the installation, making sure to allow for appropriate spacing.
- ii. Once the saw cuts have been complete, remove the substrate by chiseling across each saw cut. Note the closer the saw cuts the easier it is to chisel away the substrate.
- iii. Once the substrate has been removed and the recess cleaned, use a screed compound to repair the bottom surface of the recess. The resulting depth of the recess should be 12mm. Refer to the Approved Products List - Screed Compounds.

Where the depth of substrate does not allow for discrete removal of the top surface, it will be necessary to cut through the substrate, remove further material below the substrate and provide a concrete slab. In any case, the aim is to provide a recess with accurate overall dimensions and a smooth base 12mm below the surrounding substrate.

Tactiles are then laid into this recess using the recommended adhesive.

ADHESIVES

CobbleTac® Porcelain Tactiles must be installed with an approved adhesive. The adhesive must be mixed and applied in strict accordance with the manufacturer's recommended instructions.

THE ADHESIVE MUST BE SPREAD WITH A SUITABLE SQUARE NOTCHED TROWEL AND THE TILES LAID INTO THE WET FILM OF ADHESIVE. Refer to the Approved Products List - Adhesives.

ADHESIVE TRANSFER

When installing CobbleTac® Porcelain Tactiles it is critical to use the correct amount of adhesive and achieve 100% transfer to the back of the tile. Grid sticking or adhering of the corners only must be avoided as this will reduce the overall load bearing strength and lead to product failure.

REMOVING EXCESSIVE ADHESIVE

Excess adhesive must be removed immediately from the surface before curing, using a clean damp cloth (water only). Trying to remove adhesive, once cured, is likely to cause damage to the surface of the Tactile. If adhesive has been left to cure on the surface, aggressive rubbing must be avoided. Use a damp cloth and try to peel the adhesive away from the surface.

CURE TIME

Floor traffic should be avoided ideally for 48 hours or at least **FOR 24 HOURS** after installation.

APPROVED PRODUCTS

A list of approved adhesives is available from your CTA distributor. Please contact our head office for a list of authorized representatives

Product Data sheets and Material Safety Data Sheets are available upon request. CTA Group - 1300 282 282

IMPORTANT NOTES

Due to natural materials used in the manufacture of CobbleTac® Porcelain Tactiles, some slight variation in shade and texture between tiles may occur. The manufacturer recommends that possible shade variation and texture match is checked before bonding more than one tile in an adjacent area.

EXPERIENCED CONTRACTORS & RELEVANT STANDARDS

Installation should be carried out by a fully experienced contractor. The installer should be familiar with: the preparation and treatment of sub-floors and the application and storage of adhesives. A working knowledge of the adhesive manufacturer's application instructions and the Australian Standard AS1428.4:2009 is also desirable.