

decocrete

STREET FURNITURE

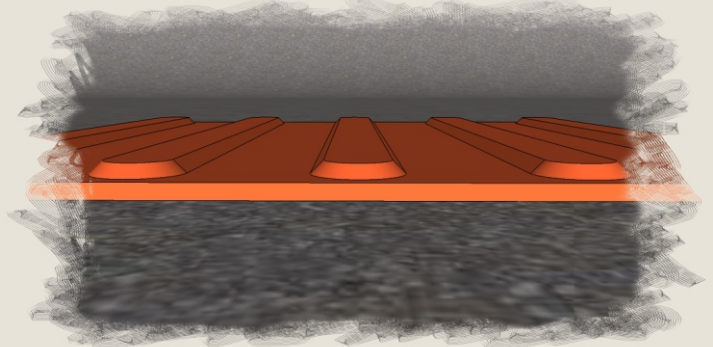
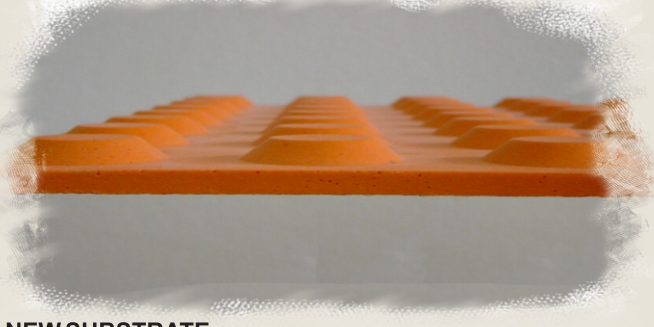


TACTILE GROUND SURFACE INDICATOR (TGSi)

TGSi INSTALLATION GUIDELINE

decocrete products are aimed at satisfying the demand for highly durable Street Furniture Product which could achieve a fine level of detail in the casting process, allowing one to personalize the product through the inclusion of specialized trade marks, motifs or logos. Because of the nature of the product, this also allows the customer the option to choose a variety of shapes and surface textures.

Blind or visually impaired pedestrians are subject to a wide range of possible dangers and inconveniences when travelling alone. Fortunately, many of these can be avoided through the use of communication systems which do not depend solely on vision but which are also tactile by nature and design.



NEW SUBSTRATE

Where possible, we recommend that all installations be carried out onto a newly laid concrete base, the thickness of which should be determined taking into account localised geotechnical conditions, such that the concrete base will not crack under usage / load.

The base onto which the tiles are to be laid should be 7mm lower than the surrounding area to ensure that once laid, the tile, which is 6mm thick, is flush with the surrounding surface so as not create a trip hazard.

The environment where tile is installed is critically important to successful installation and continued performance. The area should be free of all construction debris, dirt and surface contaminants.

EXISTING SUBSTRATE

When the tile is directly bonded to an existing concrete or masonry substrate, the tile installation is greatly affected by the suitability and condition of the concrete or masonry supporting the installation.

If substrates do not meet the flatness requirements and remedial corrections are not made, the installation will likely have lippage or flatness issues. When correcting concrete or masonry substrates, use only products specifically designated for this purpose.

In some instances grinding down high spots on floors / concrete slabs will be necessary.

Concrete and substrates must be clean and free from dust, paint, or any other compounds that can act as bond breakers.

It is important to check for cracks in concrete substrates, and remedial work carried out to repair such instances. Bonding over cracks can lead to loss of bond or the crack telegraphing through the tile. For this reason, we do not recommend bonding over joints in concrete pavers.

When bonding onto an existing substrate, care must be taken to ensure that all exposed edges of tiles (perimeter of installation) are chamfered to at least a 30 degree angle so as not create a trip hazard.

GENERAL

TGSIs shall be installed using a high strength epoxy tiling adhesive on a smooth, flat and dry surface to ensure the adhesive has maximum surface area contact.

A 2.5mm high x 5mm wide notched trowel should be used to create ridges in the epoxy, thereby creating a passage for the escape of air when bedding the tile down, and avoiding the creation of hollow spots underneath the tiles.

Tiles should be installed with no less than a 2mm and no more than a 4mm wide gap between tiles, to be grouted with the same high strength epoxy tiling adhesive.

Visit our web-site at www.resocrete.co.za

Copyright - all information contained in this document is copyright and is the property of Resocrete