

AS/NZS 1428.4.1:2009



**Repair & Renew
your streetscape**

Replace your broken and missing Tactile Ground Surface Indicators with ESP Cast In Place Access Tiles

Access Tile⁺

Cast In Place

TGSI INSTALLATION GUIDE



Cast In Place TGSI Installation Guide



01 BEGIN POURING THE CONCRETE

Concrete should be placed within a 60 - 80 slump

02 FIND THE CENTRE POINT OF NEW RAMP

Using a string line measure, find and mark the centre point of the new concrete ramp.



03 MEASUREMENTS AS PER AS/NZS 1428.4.1:2009

The new ESP Access Tile should be installed as per AS/NZS1428.4.1:2009.

04 PLACE THE TILE GENTLY IN WET CONCRETE

While the concrete is still soft, the tile can be placed gently into it's proper position.



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05

USE A RUBBER Mallet TO TAP THE TILE IN PLACE

Using a rubber mallet, begin to tap the tile into the concrete starting in the middle and working your way to the edges. Ensure that you continue vibrating the tile with the rubber mallet until the tile is flush & even with the surrounding concrete.

06

USE A WEIGHT TO HOLD THE TILES IN PLACE

Weight should be placed on the top of the tiles to hold it in place until the concrete has been set.



07

CREATE AN EDGE AROUND THE PERIMETER OF THE TILE

Create an edge around the perimeter of the tile using a fine radius edging tool. In addition, a mag float is also used to ensure that the tiles are flush with the height of the concrete to eliminate any tripping points.



08

INSTALL TRADITIONAL CONTROL JOINS & RETRACE YOUR EDGES

Traditional control joints should be installed. Finally, retrace your edges & joints. Once the concrete has set, remove weights & surrounding safety equipment to clean the finished product.



BE THE SOLUTION



Beyond ESP's products and services, we conduct our business in a manner that demonstrates each project is an opportunity to be part of the solution.



21 Ceylon Street
Nunawading VIC 3131

Telephone: 1300 665 761
E-mail: sales@espaust.net.au
Web: www.espaust.net.au