



DESIGN STATEMENT

Plastic (polyurethane) TGSIs provides greater warning for disabled people to identify changes in their line of travel. Black colour creates good contrasts on the light concrete base. They are visually pleasing and economical.

APPLICABLE LOCATION

To be applied on concrete footpath as specified within the Activity Centre and Shopping Strips.

Actual location of the TGSI should be confirmed with Council using chalk marking prior to permanent installation.

COUNCIL STANDARD DRAWING

N/A

CROSS REFERENCE DOCUMENT

- AS1428.1-1998 (Australian Specification and Standard design for access and mobility) and also
- Tactile warning devices in accordance with AS1428.4-2002
- Moreland Small Shopping Strip Public Domain Manual

STANDARD SPECIFICATION

Single studs TGSIs should only be done by approved installers to ensure satisfactory installation. Use of template or sub-crete panel is recommended.

Material and finishes: Black plastic (polyurethane) individual studs.

Dimension: Top of dome: 25mm, Bottom of dome: 35mm, Height of dome: 5mm, Stem diameter: 6mm, Stem length: 12mm.

SUPPLIER

Plastic studs: TSA Tactiles. www.tsatactiles.com.au, Eigen Tactiles, www.eigentactile.com, Cobble Tac www.cobbletac.com or similar.

Sub-crete panels: TSA Tactiles. www.tsatactiles.com.au or similar supplier.

MAINTENANCE

Road Maintenance Unit: Replace missing or damaged buttons or indicators as required.

GENERAL NOTES

1. *If Sub-Crete Panels are used:*
 - *Clip the Sub-Crete Panels together using pins on either edge.*
 - *Place Sub-Crete Panels onto reinforcement mesh, firmly secure in place to suit the AS 1428.4.1 requirements.*
 - *Ensure the Sub-Crete Panels and reinforcement mesh are set to the correct height, allowing the top of the panels to finish flush to the top surface of the concrete after concrete pour has been trowelled and or swept finish.*
 - *Allow 12 hours for the concrete to cure. Tactile indicator studs can be installed through the knock out caps located on top of the Sub-Crete Panels as soon as concrete has set, no drilling required.*
2. *If Sub-Crete Panels are not used:*
 - *Use templates which are available from the manufacturer*
 - *Use wet drilling with a coring drill bit when installing into fragile substrates*
 - *Refer to AS/NZS 1428.4 for TGSI positioning since rectifying a pad of TGSI can be costly.*
3. *Avoid positioning TGSI studs along substrate joints if possible, as it is likely will not work.*

A200.07 TGSI Plastic Studs
