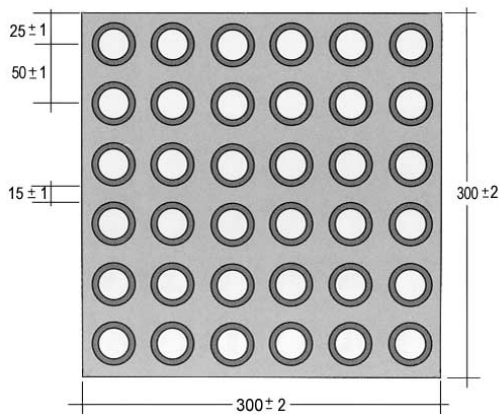


Avoid Litigation, comply with Australian Standards
AS 1428 part 4

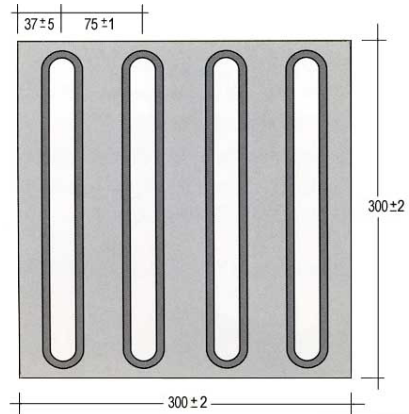
Ground Indicator Tactiles

Gem Seal Tactiles are the original Australian Made Rubber surface indicator tile for the Visually impaired.

Gem Seal 'HAZARD' (Dot)



Gem Seal 'DIRECTIONAL' (Line)



'Gem Seal' tactiles are used in the following areas;

Stairways, top and bottom of escalators, ramps, loading docks, kerbing and step ramps, car park crossing areas, railway platforms, passenger wharves, Road crossings, school crossings, malls.

Projects: AUSTRALIA WIDE

State Railways, Sydney 2000 Olympic venues, Schools, Pools, Major public buildings, councils, Sydney airports, retail outlets.

Standard colours:

'BLACK', & 'Safety YELLOW' (held in stock)
Any colour may be made to order (4 weeks lead time)

Size: 300mm x 300mm:

WWW.SPACEPAC.COM.AU

300 x 300mm and 400 x 400mm PAVER TACTILES ALSO AVAILABLE

SPACEPAC INDUSTRIES Pty Ltd ABN 98 002 454 462

39 Ellen St
Wollongong
NSW 2500

Phone: 1300 763 444 Fax: 02 4426 2208

Email: spacepac@spacepac.com.au

ESTIMATORS Please Note:
A lead time up to 3 weeks
may be required, so please
order your tactiles early.....



Installation of Gemseal Rubber Tactiles

Gemseal Rubber tactiles are made of the best rubber compound available, Santoprene®. Santoprene has many benefits over PVC or standard rubbers. In particular with regards to slip resistance. For the various test results please follow the test results links on www.spacepac.com.au

PRIMER, ADHESIVES & APPLICATION:

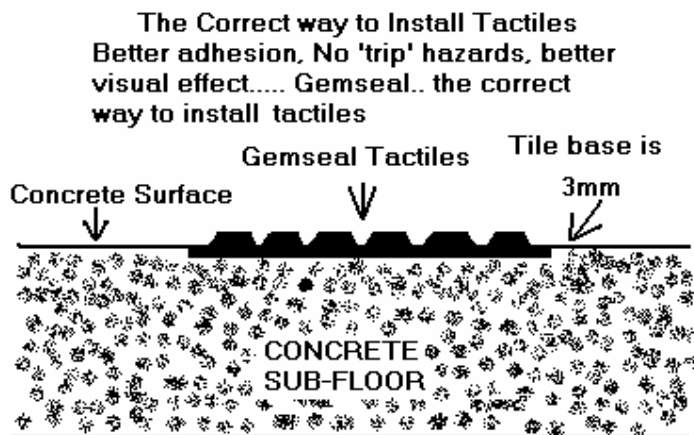
PRIMER: The Gemseal Rubber Tactile will require the application of the Chemlok 459X Primer Manufactured by LORD Corp. on the back of each tile. Primer is to be applied as per instruction on the label of the can.

ADHESIVE: After the application of the primer, a two part Epoxy Adhesive is suggested. Both are available from:

Spacepac Industries, 39 Ellen St (Cnr Auburn St), Wollongong NSW 2500

Ph: 1300 763 4441 Fax: 61 2 4226 2208

APPLICATION:



Although the Australian Standards does not call for, nor require for Tactiles to be 'laid' or 'countersunk' into the sub- floor; We highly recommend this practice for extra adhesion, avoiding a possible trip hazard and for a better visual effect. ie: allowing the base of the tile to be set into the concrete, (tile thickness is 3mm) thus allowing only the 'DOTS' to be above the concrete surface level. Additionally, we suggest the application of a waterproof sealant on the concrete prior to application of the Gemseal Tactile indicators.

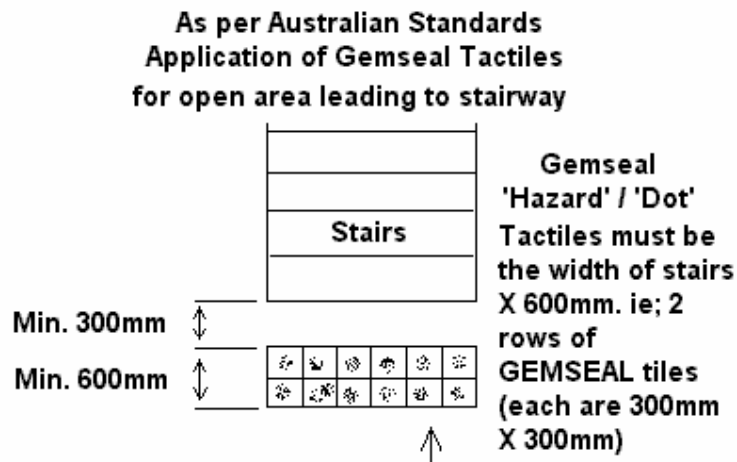
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NSW 2500

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Email: spacepac@spacepac.com.au

Adhesion Test: Under some possibly critical conditions an Adhesion Test should be performed. The purpose of the test is to verify if there is a good bond to the sub-floor and transfer of



adhesive to the back of the Gemseal Rubber tile and to the sub-floor. This test should last at least 72 hours. After this time the removal of the rubber flooring should be hard, and the adhesive should remain bonded to both the sub-floor and the rubber Tactile.

The concrete surface should be dry and clean. The surface should be level, without surface imperfections which would appear through the rubber Tile. The surface should be flat within 1/8" in 10 feet. The surface should look like medium grade closed-coat sandpaper.

Concrete slabs are often treated with Curing Compounds, Sealers and Hardeners. These treatments must be removed from the surface by bead blasting or terrazzo grinding.

All existing paints, grease, old adhesive and oil must be removed from the slab.

Floor Patch: Cracks, depressions and rough surfaces should be filled with a top quality leveling Portland Cement mixture with at least 2000 PSI.

EXISTING FLOOR RECOMMENDATION:

Old floor coverings should be removed completely. In cases where rubber flooring will be installed over Terrazzo, Ceramic or Quarry tile, the old tiles or terrazzo must be abraded thoroughly to remove glaze and waxes. Any loose tiles must be removed, level grout lines and other empty spaces with an approved commercial Portland type floor fill material. Application of any floor fill material should be done at least 24 hours prior to the start of the actual installation work. The area should be sanded before installation.

DISCLAIMER: The above instructions conform to commonly accepted installation procedures for installation of rubber Tactiles. Spacepac Industries Pty Ltd., will not accept any liability whatsoever for any incorrect implementation of these instructions or for any failure in the installation. The following information is provided for general guidance only, Spacepac Industries Pty Ltd., assumes no responsibility whatsoever for the actual work performed, nor for loss or damage that may result from the use of this information, due to the possibility of processing, working conditions and workmanship beyond and outside our control. Users are advised to verify the suitability of the products, their application and installation conditions by their own tests.

WARRANTY EXTENDS ONLY TO THE QUALITY OF THE SPACEPAC RUBBER TACTILE.

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