



PolyPad® Tactiles Installation Instructions

PolyPad® tactile guidance products are ideal for situations where recessing of the substrate is considered inappropriate or costly – in these situations retrofitting can be easily achieved with the installation of these polymeric tactile products.

Due to natural materials used in the manufacture of PolyPad® Tactiles, the manufacturer recommends checking for slight variations in shade before bonding more than one tile in an adjacent area.

LAYOUT

PolyPad® Tactiles must be set out 600mm deep x the total width of stair/ramp:

- 300mm from the stair nosing at the top and bottom of stairs and
- 300mm from the change in gradient before and after ramps.
- Tactiles must be installed on landings as above, unless there are continuous hand rails. On landings without doorways, the Tactiles can be reduced to 300mm deep.

Some installation requirements may vary and must be installed in the manner prescribed in AS/NZS 1428.4 – If required, refer to your distributor for advice.

SUITABILITY

PolyPad® Tactiles are suitable for installing onto concrete, bitumen, underlay, hardboard marine plywood, aluminium and steel. Sub-floors must be dry, level, rigid, clean, free of dust/wax/oil/paint/alkali, and free of hydrostatic water pressure before the laying process commences. Uneven sub-floors may need preparation to meet the required standard. When installing over metal substrates, the surface must be fully abraded to allow adhesive key. In some cases, where hydrostatic moisture is a problem, the use of a suitable moisture barrier is recommended.

SPECIAL NOTES FOR BITUMEN

Where bitumen surfaces are porous and have exposed aggregate, the aggregate has been known to de-laminate from the surrounding substrate. This type of bitumen mix is called a cold mix. It is recommended **PolyPad® Tactiles** are only laid on a hot mix Bitumen. Under no circumstances are **PolyPad® Tactiles** to be laid on bitumen which has been installed less than 40 days.

INSTALLATION METHOD

PolyPad® Tactiles may be laid over most substrates in the same way as many other rubber or vinyl tiles using a 3 to 4mm "V" notched trowel. The tiles must be laid into the wet film of adhesive, butt joined end to end and the adhesive spread so there is 100% transfer to the back of the tile. The tile should be lightly pressed into the substrate to assist with adhesive transfer. A careful application of force after laying will ensure the exclusion of air and proper transfer of the adhesive on to the back of the tile. This will provide maximum bond to the sub-floor. **PolyPad® Tactiles** must be installed with an approved adhesive suitable for the sub-floor. The adhesive must be mixed and applied in strict accordance with the manufacturer's recommended instructions.

Always mask the area 2mm wider & longer and ensure the adhesive is taken right to the edge of the tile.

It is good practice to force a small bead of adhesive to form around the periphery of the tile by applying light pressure. Alternatively, this can be achieved by using a suitable caulking compound. **PolyPad® Tactiles** may be laid directly over existing surfaces.

SPACING

PolyPad® retro-fit rubber Tactiles are butt joined to provide a maximum unit length of 1.8 lineal meters. Lengths greater than 1.8m or 2 **PolyPad®** pieces must include an expansion joint of 3 to 5mm. This is to allow for normal expansion and contraction during temperature extremes. It is recommended that expansion joints be sealed using a compressible sealant.

RECESSING

PolyPad® Tactiles do not require recessing. However, if preferred, a recess may be provided to a maximum depth of 3mm. This is usually achieved by discrete removal of the top surface, such as removing of a vinyl layer or routing away of a timber surface etc. Tactiles are then laid into this recess using the recommended adhesive.