

TGSI – TACTILE PAVERS

Installation & Trade Information

Please read before installation

It is critical to the success of your project and our product that the following information is read and understood clearly before any installation commences. If you have any further questions or queries do not hesitate to contact us directly.

1. GENERAL GUIDELINES ONLY

The following information is a general guideline only and is to be used as an addition to relevant Australian Standards and Association and industry practices. It is to be used as a guide only and should not be solely relied upon, as installation methods will vary with each specific project. These guidelines in no way replace the services of professional consultants and contractors.

2. PALLET, PACKAGING & DELIVERY


Our strict quality procedure ensures Chelmstone's TGSI pavers leave our factory in first quality condition. We use the best available packaging materials and pallets to ensure all products arrive on site in first class condition. You may experience some very minimal chips; these pavers should be used for cutting in. Please make sure all products are well protected while waiting to be installed on site. Pavers must be contained in their original shrink wrapping until installation is ready to commence. Do not install any product that is thought to be defective. All claims must be reported to Chelmstone for an onsite inspection where possible before they are installed.

Please check the order for size, colour, and quantity. Discrepancies will not be recognised unless notified within 48 hours of delivery. Goods unpacked or pallets moved – relocated from the place of delivery will not be considered under any circumstances in the event of a return. Pallets & packaging are non-returnable.

Delivery - We will do our utmost to meet all delivery requirements, if at all possible, but we make no guarantees for things beyond our control. Deliveries are to roadside only; we take no responsibility for damage to property if the driver is asked to enter the property.

3. CUTTING

Chelmstone TGSI pavers can be easily cut with a brick-saw or masonry blade grinder-saw. The product must be thoroughly wet down before sawing for safety reasons and a dust mask should be worn. All dust and milky cutting residue must be washed off immediately before the paver dries, as it will stain.



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4. LAYING

Always adopt good, licensed paviour and tile laying / paving practices.

5. FIXED METHOD OF LAYING TGSI

We recommend the use of a cement-based tile adhesive suitable for external use. Chelmstone recommends a Mapei adhesive Keraquick - a high performance rapid setting cementitious adhesive. TGSI pavers must be laid onto a concrete slab suitably engineered to support expected traffic flow. The concrete slab must be clean and free of any dirt/oil and any loose material.

Use a 12mm notched trowel to evenly cover the area the TGSI pavers are to be laid on. Use a separate small bucket of Keraquick water down to brush on the underside of the TGSI paver prior to bedding into the Keraquick. Bed in the TGSI paver to the correct level. Make sure all excess Keraquick is sponged off any exposed face of the TGSI immediately.

6. FILL THE JOINTS

There are primarily 3 recommended techniques to complete jointing depending on your desired finish and surface area, including:

Option 1:


For commercial areas or areas that require pressure cleaning, we recommend grouting with a mortar jointing compound. Joints must be a minimum of 3mm wide. Read the manufacturer's instructions thoroughly before commencing. Immediately clean off any access grout to prevent staining the pavers.

Option 2:

Polymeric Sand (dry, fine sand in 20kg bags, stabilised with a form of gel which sets reasonably hard in the joints but maintains some flexibility), can be used to reduce incidence of ants, weeds, and wash outs in small joints. Read the manufacturer's instructions thoroughly before commencing. Immediately clean off any access Polymeric Sand to prevent staining the pavers.

Option 3:

Sweep a fine, clean, Silica Based Jointing Sand over the finished dry paving, working the sand in to ensure all joints are full. Dry sand/cement mixes are not recommended for use by DIYers as they can cause permanent cement stains on the surface if handled incorrectly. Flexible joints can last longer too as they're not affected by cracking. Read the manufacturer's instructions thoroughly before commencing. Immediately clean off any access Polymeric Sand to prevent staining the pavers.



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7. EXPANSION JOINTS

As with all paving it is important that appropriate expansion joints be used to allow for natural movement. These should be incorporated every 4 meters or roughly every 20 m². Control joints are recommended for the substrate (concrete sub-base). The joints in the concrete base should be continued through the mortar bed and grout joint. Chelmstone do not recommend laying masonry units over any control or expansion joint. There should be expansion joints between the pavers and any other products or surface.

8. SITE CARE

Remember it is important to ensure that the laid area is protected from other trades. No foot or vehicle traffic should be allowed on the newly laid pavers/for at least 48 hours.

Additional Installation Information

Go to the Mapei website for additional installation information found in the Keraquick data sheet.

Cleaning & Sealing (general guidelines only)

Chelmstone recommends that experienced cleaning and sealing contractors attend to the paved areas as soon as they are laid. **It is essential to keep the pavers or tiles clean** and free from soil oxides, cement, mortar droppings, leaves, bark, rubber marks, etc during and after laying as these will possibly stain the pavers.

Seal the TGSi Pavers with Stainblock Enricher WB from CCS Concrete Colour Systems 1800 077 744

Do not use acid. As with many products such as stamped or stencilled concrete unglazed Terracotta tiles and various other masonry products we recommend sealing.



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