



TP1000

white tile adhesive

DESCRIPTION

TP1000 is a white, premium grade, thick or thin bed, fast setting, polymer modified, flexible, powdered cement based adhesive, specifically formulated to bond tiles onto a variety of substrates.

USES

- TP1000 can be used on both walls and floors, in interior applications only.
- TP1000 can be used to fix tiles onto concrete, cement renders/screeds, blockwork, rendered brickwork, plasterboard, fibre cement sheeting, old ceramic tiles and particular waterproofing membranes.
- TP1000 is suitable for tiling over timber floors, provided that a fibre cement sheet tile underlay is initially installed over the timber floor.
- TP1000 is recommended for the thin or thick bed fixing of all types of ceramic, mosaic, fully vitrified, porcelain, terracotta, slate, quarry, granite and marble tiles, particularly light coloured marbles, but with the exception of green marble.
- When using TP1000 with translucent tiles the colour of the adhesive must be considered.

SURFACE PREPARATION

- All surfaces must be structurally sound, dry, clean and free from movement, oil, grease, wax, curing compounds and any other loose or contaminating materials.
- All building boards must be flat and firmly fixed according to the manufacturer's instructions and relevant Australian Standard(s).
- Painted surfaces must be scabbled/abraded to expose at least 80% of the original substrate.
- Newly rendered/screeded surfaces must be allowed to cure for at least 7 days and have a wood float finish.
- Old rendered/screeded surfaces must be thoroughly cleaned prior to tiling and have a wood float finish.
- New concrete must be allowed to cure for 6 weeks and should have a wood float finish.
- Steel trowel finished concrete must be acid etched or mechanically abraded prior to tiling.
- Old concrete surfaces must be thoroughly cleaned prior to tiling.
- Make sure all release agents are removed from concrete surfaces, especially on tilt-up slabs.
- Porous/dusty surfaces must initially be primed using TP450 Primer.
- When tiling over old ceramic tiles or non-absorbent/contaminated surfaces prepare for tiling by using Davco Ultrabond. Refer to Ultrabond's data sheet for further details and suitability.

Movement joints should be provided as follows:

1. Over movement joints in the background.
2. At a junction between different background materials.
3. At fixtures interrupting the tile surface eg columns.
4. At internal vertical corners.
5. Around the perimeter of the tiling system.
6. At a maximum of 5 metre intervals in a grid pattern.

Note: Movement joints should go right through the tile adhesive bed to the background and be kept free from dirt and adhesive droppings. Movement joints must not be less than 6mm nor greater than 10mm wide. All movement joints that are 6mm wide can be filled with Davco *Sanitized*[®] Colorcaulk. For wider applications use Davco Davsil or polysulphide and polyurethane type fillers.

MIXING

- Add TP1000 to a bucket of clean water mixing constantly until a thick creamy consistency is achieved.
- The mixing ratio is 20kg of TP1000 to approximately 6lt of water.
- Allow the mixture to stand for 10 minutes, remix, then use the adhesive.

APPLICATION

- Spread the adhesive onto the substrate using a 6mm x 6mm notched trowel for the installation of wall tiles up to 150mm x 150mm.
- For the installation of floor tiles or wall tiles larger than 150mm x 150mm use a 10mm x 10mm to a 12mm x 12mm notched trowel.
- Tiles with lugs, grooves or an uneven back must initially be butter coated with the adhesive, in addition to the adhesive being trowelled onto the substrate.
- A 6mm x 6mm-notched trowel can be used to lay mosaic tiles.
- For wall tiling a minimum final bed thickness of 2mm is recommended, whilst for floor tiling a minimum final bed thickness of 3mm is recommended.
- Do not spread more than 1m² of adhesive at any one time.
- Press tiles firmly into position before the adhesive skins, ensuring that all the tiles are well bedded and that no voids occur under the tiles.
- Occasionally, in order to ensure that full coverage is being maintained, a tile should be removed, the adhesive coverage noted and the tile be relaid accordingly.
- Once the tiles have been laid, they must not be disturbed or trafficked upon for 6 hours at 20°C.



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GROUTING

- Grouting can be carried out 6-8 hours after the completion of the tiling.
- Grouting can be carried out with one of the various Davco grouts: *Sanitized*[®] Superfine White Grout for internal wall joints 1-3mm; *Sanitized*[®] Colorgrout. For joints 1-6mm; and Slate and Quarry Grout for joints 6-12mm wide.
- To enhance the colour and increase water resistance and flexibility of the grout, use 4 in 1 Grout Additive instead of water. This is particularly recommended when grouting over fibre cement sheeted floors, so as to minimise the likelihood of the grout cracking/powdering.
- Allow 24 hours after grouting before putting the area into service.

PRECAUTIONS

- Do not apply TP1000 in temperatures above 40°C or below 5°C.
- Do not allow the adhesive to skin prior to laying the tiles. If the adhesive skins, remove and dispose of it, then re-apply fresh adhesive.
- TP1000 is not suitable for fixing tiles externally or directly onto timber floors.
- TP1000 is not suitable for use in areas where intermittent or continuous dampness occurs such as shower recess bases, swimming pools, spas, etc.
- For other uses or the use of TP1000 over substrates/situations not mentioned in these instructions, contact your ParexDavco (Australia) Pty Ltd state office
- Being cement based, TP1000 is alkali in nature, which can cause dermatitis. Thus, when using TP1000, it is recommended that applicators wear PVC or similar gloves and safety goggles.
- For a full MSDS on this product, contact your ParexDavco (Australia) Pty Ltd state office.

COVERAGE

A 20kg bag TP1000 will cover approximately 12m² using a 6mm x 6mm-notched trowel.

CLEAN UP

- Remove any excess adhesive from the face of the tiles with a damp cloth, while the adhesive is still wet.
- Clean tools and equipment with water before the adhesive dries.

PACKAGING

TP1000 is available in 20kg bags.

SHELF LIFE

Up to 12 months in unopened bags, stored in an elevated, cool dry place.

TECHNICAL DATA

Properties:	White Powder
Appearance:	
Bulk Density:	~1.2 kg/litre
Open Time at 20°C:	7 minutes
Adjustment Time at 20°C:	10 minutes
Pot Life at 20°C:	90 minutes
Drying Time at 20°C:	6 hours

DISCLAIMER

The use of this product is beyond the manufacturer's control, and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. All workmanship must be carried out in accordance with AS 3958.1 - 1991.

The information contained herein is to the best of our knowledge true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of the product for a particular application. Users are asked to check that the literature in their possession is the latest issue.

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