

Technical Data Sheet ISSUED MARCH 2022

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PRODUCT DESCRIPTION

TPA Lite is a premium grade, white, fibre reinforced, flexible cement based tile adhesive, based on a light weight formulation. It is recommended for interior and exterior wall and floor applications including facades, balconies, bathrooms, toilets, laundries. **TPA Lite** is suitable to use over concrete, cement render, screeds, fibrous cement sheeting, plasterboard and suitable WPA waterproofing membranes. **TPA Lite** is suitable for most types of moisture stable tiles in domestic and commercial tiling applications.

ADVANTAGES

- Premium Grade: C2TES2
- Extended coverage
- Light weight technology
- No vertical slip
- Excellent trowel-ability and grab
- Low VOC

USES

All moisture stable tile types. Suitable tiles include porcelain, ceramic, terracotta, terrazzo, glass and stone.

- High Traffic
- Internal and External
- Swimming Pools
- Concrete
- Masonry Block
- Render and Screeds
- Fibre Cement
- Plasterboard
- WPA Waterproofing Membranes
- Wall and Floor
- Existing Tiles
- Acoustic underlays*

*Contact Bayset Technical Department for specific information.

DIRECTIONS FOR USE

Read and understand the Safety Data Sheet before using this product.

SURFACE PREPARATION

Make sure the substrate has been correctly installed according to relevant standards and manufacturer's recommendations.

Allow a minimum curing time for screeds of 1 day and concrete 7 days.

Remove all materials that will interfere with the bond. These include oils, grease, wax, release agents, curing compounds dust and any loose material.

Ensure the surface is sound. All weak or friable material must be removed.

Contact the Bayset Technical Department before commencing tiling if there is any doubt about required or suitable preparation.

MIXING

15 kg powder mixes into 4.5 litres of water.

1. Add water to bucket.
2. Mix powder into water with mechanical stirring.
3. Mix until smooth.
4. Allow to stand for 3 minutes and mix again before using.

Note: The paste can "wet out" during mixing so make sure that it is mixed sufficiently before adding more liquid. Do not add more liquid after the initial mixing. Discard when the product stiffens in the bucket. Use a drill with suitable mixing paddle designed for the task and do not mix by hand.

APPLICATION

Apply to the prepared substrate using a notched trowel, in accordance with the provisions of AS 3958.1.

Press tiles firmly into the adhesive before it skins.

Apply only up to 1-2 M² at a time to avoid skinning. If skinned, remove the product and apply fresh adhesive. Discard any material that has hardened before use.

Adhesive contact coverage should be in accordance with AS 3958.1.

Allow adhesive to set adequately before grouting.

COVERAGE

On site coverage will vary widely as it is dependent on a large number of variables. These include but are not limited to: application technique, substrate texture, wastage, trowel angle, trowel wear, contact coverage and flatness. As such the following coverage is intended as a guide only.

Approximate Coverage (10mm trowel) .

M² per bag - 6.0 - 7.0 M²

GROUTING

Use a suitable proprietary cementitious or epoxy grout after the adhesive has cured. Modify grout with an appropriate admixture when tiling is over a flexible substrate or when improved water resistance is required.

CLEANING

Remove using a wet cloth before the product hardens. If allowed to set it must be removed mechanically.

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PERFORMANCE DATA AND CHARACTERISTICS

- Appearance White
- Packaging 15kg Bag
- Bulk Density 1.18
- VOC <1g/L
- Open Time approx. 30 mins
- Adjustment Time approx. 30 mins
- Light Foot Traffic 24 hours
- ASISO 13007 C2TES2

IMPORTANT NOTES

- Always read the entire Product Technical Data Sheet and Safety Data Sheet (SDS) before using.
- Only tile surfaces that are suitable. If in doubt check with substrate manufacturer and the Bayset Technical Department.
- When tiling directly onto waterproofing membranes check to ensure compatibility. If not already approved by Bayset in writing, additional compatibility tests may be required.
- Use only in ambient conditions between 5 and 35°C.
- This product is not suitable for use with moisture sensitive materials.
- Not designed for direct bonding to plastic or metal.
- When tiling walls always check that they will support the intended weight.
- Do not use to tile directly onto timber, particleboard, MDF or Masonite.
- Contact the Bayset Technical Department for advice before work starts if substrates or tiles are unusual or non-traditional or if there is any uncertainty regarding suitability or preparation.

STORAGE AND SHELF LIFE

12 months when stored off the ground in a cool, dry weatherproof environment.

PRECAUTIONS

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using TPA products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit www.bayset.com.au for copies.

For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.

WARRANTY CONDITIONS

Bayset Pty Ltd trading as Tiling Products Australia (Bayset) offers a limited warranty in respect of this product, subject to certain terms and conditions set out in the warranty documentation which has been made available at www.bayset.com.au. Please contact Bayset directly to obtain a copy of the warranty documentation relevant to this product.

DISCLAIMER

The technical information and application advice given in this Technical Data Sheet is based on the present state of Bayset Pty Ltd's best scientific and practical knowledge and is intended to give a fair description of the product and its capabilities. As the information contained herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness, either expressed or implied, is given other than those required by law. In practice, the substrate and environmental conditions vary widely, making it essential for the user to determine the product's suitability for a particular application and that the product is not used beyond its physical limitations. The user is responsible for checking the suitability of products for their intended use.

***NOTE**

Field service where provided does not constitute supervisory responsibility. Suggestions made by Waterproofing Products Australia either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Waterproofing Products Australia, are responsible for carrying out procedures appropriate to a specific application.

DOCUMENT CONTROL	
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Author	FM

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For latest revision, check our website at www.tpa-us.com.au

This is a CONTROLLED document under TPA's Quality System.