



TRADESTIK PLUS

Flexible Non Slump Wall and Floor Tile Adhesive

- **Grey**
- **Internal & External Use**
- **Extended Open**

DESCRIPTION

ABA Tradestik Plus is a grey polymer fortified C2 TE S1 cement-based wall and floor tile adhesive that has been specially formulated with mastic style properties. It can be used over concrete, screeds, render, plasterboard, fibre-cement sheet and existing ceramic tiles.

ABA Tradestik Plus can be used in residential and commercial applications and meets the Green Building Council of Australia Green Star requirements for Ceramic Tile Adhesive

FOR FIXING (TILE TYPES)

Fully vitrified and ceramic tiles, porcelain, natural stones (excluding moisture sensitive) and mosaics.

TO (SUBSTRATES)

- Concrete, renders, screeds
- Fibre-cement sheet and plasterboard on walls
- Compressed fibre cement sheet on floors
- ABA and ARDEX liquid applied undertile waterproofing membranes.
- Existing ceramic tiles (Internal dry areas)

SUBSTRATE PREPARATION

Surfaces must be free from dust, oil, grease and all loose contaminating materials. Alternatively, use a separating layer (heavy-duty plastic sheet) to isolate the background from Abascreed. Ensure surfaces are dry with no residue or permanent damp.

MIXING

ABA Tradestik Plus powder is added to clean water in a clean container. Mix using a mixing paddle and heavy duty electric drill (65rpm), and mix thoroughly to give a lump free easily worked mortar. Mix for at least 2 minutes, allow to stand for 5 minutes and mix again for a further 2 minutes. A 20kg bag of ABA Tradestik Plus requires approximately 6 - 6.5 litres of water.

The consistency of the adhesive can be adjusted to suit site conditions and size, weight and type of tiles to be fixed. Do not apply at temperatures below 10°C. The pot life of the mixed mortar is approximately 3 hours at 23°C and 50% relative humidity.

FIXING TECHNIQUE

Before fixing ensure the substrate has been prepared and the tiles are free from dust. Tiles should be fixed in accordance with AS 3958.

Substrate surface, type and size of the tiles will determine the selection of the trowel. Refer to AS 3958 Table 5.6.2.2 - Trowel size guidance depending on nominal tile size.

The tiles must be pressed firmly into the freshly combed mortar bed to ensure good contact with the mortar. Slide the tile at right angles to the notch pattern to ensure contact requirements is in accordance with AS 3958. Tiles with ribbed or keyed back profiles, large format tiles (400mm in either direction), should also be back buttered to ensure complete coverage. Lift a tile from time to time to check that there are no voids beneath the tile. Do not spot fix. Any surplus adhesive must be removed from the surface of the tile and joints, before the adhesive sets.

ABA Tradestik Plus has an open time of 25 - 30 minutes and an adjustment time of 15 - 20 minutes. Please be aware of site conditions when considering these times and only spread enough adhesive so that the tiles can be fixed while the mortar is still wet. All tools should be cleaned with water immediately after use.

MOVEMENT JOINTS

Movement joints must be in accordance with AS 3958.

GROUTING

Grouting can proceed once the tile bed has hardened sufficiently so that tiles will not be dislodged. Grouting and traffic may be allowed after approximately 24 hours at 23°C and 50% relative humidity. Allow longer for dense tiles/substrates, humid climates and low temperatures. The tile joints should be grouted with the appropriate ARDEX grout.

COVERAGE

20kg of ABA Tradestik Plus is sufficient for approximately 9m² using a 6mm notched trowel and 6m² using a 10mm notched trowel. The coverage will vary depending on substrate condition, tile type and application technique.

PACKAGING

ABA Tradestik Plus is packed in polylined paper sacks – net weight 20kg

SHELF LIFE

ABA Tradestik Plus has a shelf life of 12 months when stored in the original unopened packaging, in a dry place at 23°C and 50% relative humidity..

Pay attention to the following:

- Do not use ABA Tradestik Plus in continuous immersion applications e.g., swimming pools, tanks.
- Do not use over metal or similar substrates.
- Do not use over substrates subject to shrinkage and other movement e.g. timber.
- Is not suitable for use directly over timber floors or fibre cement sheeted timber floors.
- For setting of moisture sensitive natural stones, please refer to products in the ARDEX Natural Stone System.



SAFETY DATA

Do not breathe dust/fume. Use only outdoors or in a well ventilated area. Wear protective gloves, protective clothing, eye protection and face protection. Wash all exposed external body areas thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: wash with plenty of water and soap. IF INHALED: remove person to fresh air and keep comfortable for breathing. If exposed or concerned, get medical advice / attention.

Store locked up. Keep out of the reach of children. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/ container in accordance with local regulations

This product causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation. Suspected of causing genetic defects. May cause cancer. May cause damage to organs through prolonged or repeated exposure.

TECHNICAL DATA

Colour: Grey Powder
Mixing Ratio: 6 - 6.5L water per 20kg powder

Application Properties at 23°C and 50% RH

Open Time: 20 - 25 minutes
Adjustment Time: 15 - 20 minutes
Pot Life: 3 hours
Grouting: 24 hours

Coverage

Walls: 9m² using a 6mm trowel
Floor: 6m² using a 10mm trowel
Powder Bulk Density: 1.6kg/L
Mortar Density: 2.0kg/L

Mechanical Properties (ISO 13007)

Tensile adhesion strength after:
28 days dry: >1.0 MPa
Water Immersion: >1.0 MPa
Heat: >1.0 MPa
Classification: C2 TE S1

DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standard, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

PRODUCT GUARANTEE



Ardex Australia Pty Ltd ("we" or "us") guarantees this product (also referred to as "our goods") is free from manufacturing defects and will perform to any applicable specification published by us for 15 years from the date of application of the product if such application occurs within this product's specified shelf life. Our liability under this guarantee is limited at our option to replacement of the product, repair of any damage to the immediate surface or area of application of the product, or the cost of such replacement or repair, in each case if we are satisfied loss or damage was due to a breach of this guarantee. This guarantee does not apply if damage or loss is due to failure to follow our published instructions or any act or circumstance beyond our control, including shade variations and efflorescence and faulty workmanship on the part of any installer or applicator of the product. If you wish to make a claim under this guarantee you must notify us (address: 2 Buda Way Kemps Creek NSW 2178; phone: 1800 224 070; email: techinfo@ardexaustralia.com), identify the product and provide evidence of your purchase and the subsequent application of the product within 30 days of any alleged loss or damage occurring. We reserve the right to ask you for satisfactory evidence of any alleged loss or damage and to undertake any inspections and tests necessary to establish your rights under this guarantee. Any claim under this guarantee is at your cost. This guarantee is in addition to any rights or remedies you may have as a "consumer" under the Australian Consumer Law and to that extent you need to be aware that: "Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure".

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