

T A

Tile adhesive

DESCRIPTION

Grey, polymer modified adhesive suitable for fixing ceramic tiles on walls & floors in interior situations. Suitable for fixing tiles upto 6 mm bed thickness (can be extended up to 12 mm thickness in area of limited extent).

Note: Not recommended for direct use onto gypsum plaster (wall finishes), paint or metal.

FEATURES

- Polymer modified adhesive
- Easy mixing & application
- Internal situations
- For concrete/plaster surface
- Suitable for fixing ceramic tiles on walls & floors

PHYSICAL PROPERTIES

T A	@ 27± 1°C
Mixed Density	Approx. 1.85 - 1.90 g/cc
Bed Thickness	upto 6 mm (2)
Walls*	Use 6 mm X 6 mm square notch trowel
Floors*	Use 12 mm X 12 mm square notch trowel
Mixing Ratio (p.b.w = Parts by weight)	1 p.b.w. Water to 4.5 p.b.w. Adhesive
Open Time	5 - 10 minutes
Pot Life	1.5 hours
Setting Time	24 hours
Temperature Resistance	150°C
Shear Adhesion (in dry conditions)	7.00 kN @ 14 Days Air

Note:

* Suitability depends on surface level/flatness
(2) Up to 12mm in areas of limited extent.

COVERAGE ESTIMATES

Pack size	Coverage
20 kg	approx. 3.0 kg/m ² using a 6mm x 6mm square notch trowel

Note: Coverage will depend on the nature and flatness of the surface and the method of application. For good coverage, it is vital that all surfaces are smooth, plumb, level and free from defects and undulations.

APPLICATION INSTRUCTIONS

Substrate Preparation

Before starting any work ensure that the base is:

- Sufficiently flat to permit the specified flatness of finished

tiling, bearing in mind the permissible thickness of the adhesive.

- Suitable for tiling in the service conditions to which it will be exposed.
- Surfaces to be tiled must be dry, clean and free from loose material and contamination.

Suitable surfaces include:

- Concrete
- Cement sand screed
- Plaster

Allow the following drying times:

- Concrete/Concrete block walls/Clay brickwork - 6 weeks
- Cement sand screed - 3 weeks
- Cement sand rendering - 2 weeks

Mixing

Add T A to clean water. Mix thoroughly until a slump-free mortar is obtained. A 20 kg bag will require approx. 4.25 - 4.75 litres of water. The adhesive is immediately ready-for-use and has a pot life of 1.5 hours. No further water should be added. Where mixing by weight is not possible, volume mixing can be carried out at site in the ratio of 1 : 3.5 (water : powder)

APPLICATION

1. Spread not more than the area which can be tiled within the open time of the adhesive.
2. Comb the adhesive to the required depth using a suitable square notch trowel.
3. Press the tiles firmly into position with a slight twisting action, checking periodically that good contact is maintained with the back of each tile. Leave no voids behind tiles.
4. Tiles should be fixed within 10 minutes of adhesive being applied, depending on the porosity of the surface and atmospheric conditions. Tiles can be adjusted up to 5 minutes after fixing. Touch the adhesive ribs periodically and if a skin has formed, remove the adhesive and apply a new layer.
5. Leave adequate joints between individual wall and floor tiles unless self spacing tiles are used.
6. Clean off surplus adhesive from the tile face and between joints.

Note:

- Do not use in damp conditions and temperature less than 5°C
- Leave movement joints at every 3m vertical interval and fill with a flexible sealant as per BS 5385.

SPACERS

Use ARDEX ENDURA spacers for uniform joint width.

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GROUTING

Grouting should not be carried out for at least 24 hours. Use the appropriate grouting material from the range of cementitious and epoxy grouts.

NOTE: The addition of ADMIX GT1 to cement - based grouts will enhance adhesion to tile edges, increase water-resistance and improves flexibility.

CLEANING

Tools and containers may be cleaned using clean water when the adhesive is still fresh. The hardened adhesive can be removed from tools mechanically.

STORAGE AND SHELF LIFE

T A has a shelf life of 12 months when stored in normal dry conditions.

PRECAUTIONS

Keep out of reach of children. Wear suitable protective clothing, gloves and eyes/face protection. After contact with skin, wash immediately with plenty of clean water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice.

For more details please refer the relevant Material Safety Data Sheet

CONDITIONS OF SALE

Sold subject to the Company's conditions of sale which are available on request.

NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.



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