

DONCRETE MIX - T

Products Details

BS: 5980: 1980

DONCRETE MIX-T: Grey, Polymer modified cement-based ceramic wall and floor tile adhesive for interior and exterior use, including swimming pools.

DONCRETE MIX-T: White, Polymer modified cement-based ceramic wall and floor tile adhesive for interior use, including swimming pools.

STANDARDS:

DONCRETE MIX-T meets the performance requirements of BS 5980: 1980 (United Kingdom) "Specification for Adhesives for use with ceramic tiles and mosaics"

PERFORMANCE:

Suitable for fixing at 3-6mm thickness (up to 12mm thickness in area of limited extent): ceramic walls and floor tiles, mosaics, vitrified and fully vitrified tiles, marble, terrazzo, natural stone, brick slips and rigid foam insulating materials. The set adhesive is water-resistant and is suitable for use in showers or totally immersed situations such as swimming pools.

APPLICATION

Surfaces to be tiled must be dry, clean and free from all contaminations. Suitable surfaces include:

Concrete or Cement- Sand screed Plaster rendering:

Allow the following drying times:

Concrete/Concrete block walls/

Clay brickwork - 6 weeks

Cement/Sand screed - 3 weeks

Cement/Sand - 2 weeks

Existing unglazed ceramic tiles, vitrified & fully vitrified tiles, terrazzo and natural stone: existing tiles should be firmly bonded and any hollow or defective areas should be cut out and made good.

Timber floors: Timber floors must be sufficiently rigid and stable to receive tiles and capable of carrying the additional load without excessive deflection. Adequate ventilation must exist beneath the timber. Floorboards should be overlaid with exterior grade plywood, at least 15mm thick, screwed down (not nailed) at 300mm centers. All timber surfaces should be primed and allowed to dry.

Fiber cement boards: Moisture resistant boards which provide a stable, flat and rigid background, ideally screwed at 300mm centers, vertically and horizontally to a seasoned timber framework. The suitability of the board as a background should be confirmed with manufacturer.

TECHNICAL DATA:

Bed Thickness	:	3-6mm (Ideal),
Application	:	
Walls	:	Use Thin-bed Solid-Bed Trowel
Floors	:	Use Thick-bed solid-bed Trowel
Mix Proportions (by weight)	:	1 p.b.w. water to 3 p.b.w. adhesive

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Working Time at 27 ⁰ C	:	3 hours
Setting Time at 27 ⁰ C	:	24 hours
Temperature resistance	:	150 ⁰ C
Frost resistance	:	-30 ⁰ C

TENSILE ADHESION 14 DAY AIR:

Typical value:	Dry conditions (kN)	Wet Conditions (kN)
T	1.30	1.00
T1	1.50	1.10
Bs. 5980: minimum	0.95	0.56

SHEAR ADHESION 14 DAY AIR:

Typical value	Dry Conditions (kN)	Wet conditions (kN)
T	13.0	7.5
T1	14.0	8.5
Bs. 5980: minimum	8.9	4.5

* Suitability depends on Surface level/ flatness

SITWORK INSTRUCTIONS

Mixing: Add clean water to **DONCRETE MIX-T** and mix thoroughly until a slump-free mortar is obtained. A 20kg bag will require approximately 6 litres of water. The adhesive is immediately ready-for-use and has a pot-life of 3 hours.

GROUTING:

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

COVERAGE:

This will depend on the nature and flatness of the surface and the method of application, but at 3mm thickness it is approximately 3 Kg/m² when using when using a solid-bed trowel. For good coverage, it is vitally important that all surfaces should be clean, smooth, plumb, level and free from defects and undulations.

PACKAGING:

DONCRETE MIX-T: 20 kg and 5 kg bags

Shelf life:

At least 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.

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CONDITIONS OF SALE:

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

Note: Our products are manufactured to consistently high standards and subjected to strict quality control procedures. We operate a programmed of continuous research and improvement, and may update information without notice. Any information supplied by the company, its agents or distributors, is given in good faith to assist the customer. However, as we have no control over the site conditions or the installation procedures used, we cannot accept any liability for loss or damage which may arise from incorrect use.

1. Spread no more than 1 sq.m. at a time, apply the adhesive to the wall or floor surface.
2. Comb the adhesive to the required depth (between 3-6mm) using a suitable 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 when solid-bed fixing.
4. Tiles should be fixed with in 20 minutes of adhesive being applied, depending on the Porosity of the surface and atmospheric conditions. Tiles can be adjusted up to 5-10 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.
7. Do not use in damp conditions.

TECHNICAL COLLABORATION WITH



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