



Norcros SA: TAL Marbleflex

TAL MARBLEFLEX®



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DESCRIPTION

TAL MARBLEFLEX is a premium grade light coloured rapid setting polymer modified flexible cement based adhesive, specially formulated for high strength bonding of marble and other light coloured tiles as well as ceramic and mosaic tiles in interior wall and floor applications. It is a one component adhesive that is designed to incorporate flexibility and water resistance and withstand heavy loading and trafficking. The incorporation of dry form polymers replaces the need for a latex bonding liquid additive. Suitable for commercial and residential applications. Simply add water.

FEATURES

Just add water to achieve:

High performance strength

Innovative polymer technology ensures optimum tensile and shear strength.

Flexibility

In-built flexibility accommodates movement, vibration and thermal expansion and contraction.

Light coloured adhesive

Designed to prevent staining from occurring when fixing light coloured marble.

Water and frost resistant

Low water absorption makes the product suitable for exterior or wet conditions including areas of full water immersion.

Rapid setting

Designed to be grouted after only 3 hours and ready for full traffic in just 6 hours making it ideal for high traffic areas.

AREAS OF APPLICATION

TAL MARBLEFLEX is a suitable for fixing ceramic wall and floor tiles, fully and semi vitrified tiles, light coloured marble and ceramic tiles, terrazzo and natural stone. It is specially formulated to absorb vibration, shrinkage and deflection of substrates such as suspended concrete surfaces, industrial processing areas, exterior wall cladding, all interior and exterior areas, swimming pools balconies, showers, wet areas.

Surfaces suitable for adhesion are cement/sand screeds, concrete, existing glazed and unglazed ceramic, quarry and natural stones tiles, low porosity substrates and boards, renders, brick work. Painted, lightweight concrete, anhydrite screeds or metal surfaces must be correctly prepared. Consult the TAL TECHNICAL ADVICE CENTRE on 0800 008 008 for a detailed materials and methods specification.

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1 Add 20kg Marbleflex to 5.5L clean, cool water.



2 Mix well while adding powder.



3 Leave for 5 min. Stir again.



4 Apply Marbleflex Adhesive.



5 Bed tiles.



6 Wait 3 hours. Apply grout.

Another successful installation guaranteed

A NORCROS COMPANY



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TAL MARBLEFLEX®

TECHNICAL DATA

Mix ratio	20 kg : 5.5ℓ
Pot life	1 1/2Hour
Open time	20 minutes
Grouting after	3 - 4 hours
Full service	6 hours
Temperature resistance	-30°C to 100°C
Temperature application range	5°C to 30°C
Tensile strength	> 2.0N/mm (EN 1348 – Standard Conditions)
Thickness variations	up to 25mm in isolated areas

DIRECTIONS

Ensure the background is clean, dry and firm. Add 20 kg of TAL MARBLEFLEX to 5.5 litres of clean water. Remove any substances that could cause debonding. Remove any coatings that do not have load bearing properties. Use a notched TAL WALL TROWEL for interior wall installations and a notched TAL FLOOR TROWEL for exterior wall and floor installations. Check coverage of adhesive by occasionally lifting tiles. Spread no more adhesive than can be tiled over in 20 minutes. The adhesive can be applied in bed thicknesses up to 25 mm in isolated areas. Always leave adequate movements joints. Never butt joint tiles. Allow approximately 3 hours before grouting and 6 hours before full service. Swimming pools should not be filled for at least 72 hours.

COVERAGES

A 20 kg bag will cover approximately 7m² using a notched TAL FLOOR TROWEL and approximately 4m² using notched TAL FLOOR TROWEL.

STORAGE AND SHELF LIFE

When stored under cover between 5°C and 30°C, the product has a shelf life of 6 months. Never store directly on a concrete floor.

PACKAGING

20 kg bag.

WARNING

DO NOT INGEST • USE ONLY AS DIRECTED • WEAR PROTECTIVE GLOVES AND GOGGLES • USE A SUITABLE DUST MASK.
• WORK IN WELL VENTILATED AREA.

TAL GUARANTEE

TAL products are manufactured to the highest standards and are guaranteed to be free from manufacturing defects and fit for design purpose. TAL products must be used strictly in accordance with TAL's methods and materials specifications and good working practice.

TAL TECHNICAL ADVISORY SERVICE

For a detailed methods and materials specification contact the TAL TECHNICAL ADVICE CENTRE on our toll free line on 0800 008 008 or fax (011) 316 3127.

CONTACT DETAILS

Toll free Technical helpline 0800 008 008

Johannesburg: (011) 316 3133 • Cape Town (021) 386 1810 • Durban (031) 700 1535

TAL reserves the right to change the information on this datasheet.

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