

Norcros SA: TAL Proflex

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TAL PROFLEX®



DESCRIPTION

TAL PROFLEX is a high strength, one component cement-based tile adhesive, specially formulated to allow for flexibility, water resistance, and increased adhesion usually only achieved with the addition of admixtures. The incorporation of dry form polymers replaces the need for a latex bonding liquid additive, and as only water needs to be added, this reduces mixing errors on site. It is suitable for use in all interior and exterior, wall and floor installations.

JUST ADD WATER TO ACHIEVE:

Built-in Flexibility
Absorbs vibration, shrinkage and deflection of the substrates.

Enhanced Adhesion
Suitable for use with low porosity tiles and on to dense impervious substrates.

Resistance To Water And Frost
Low water absorption makes the product suitable for exterior or wet conditions including areas of full water immersion.

Non-slump
Reduced slumping and slipping on vertical applications.

FEATURES

- Built-in flexibility
- Water resistant
- High strength
- No admixtures required
- Just add water

AREAS OF APPLICATION

TAL PROFLEX is suitable for fixing ceramic wall and floor tiles, mosaics, marble, terrazzo and natural stone. It is specially formulated to absorb vibration, shrinkage and deflection of substrates, making it suitable for installations such as in industrial processing areas, concrete suspended floors, balconies, railway stations and substrates subject to thermal stresses. The set adhesive is water resistant and is ideal for showers and swimming pools.

Surfaces suitable for adhesion are cement / sand screeds, concrete, brickwork, existing grout and unglazed ceramic, quarry and natural stone tiles, dense impervious floors and boards.

Painted or metal surfaces must be correctly prepared and primed before they can be tiled onto.

Solutions Through Technology



Another successful installation guaranteed



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1 Add 20kg Proflex to 5l clean, cool water.



2 Mix well while adding powder.



3 Leave for 5 min.



4 Apply Proflex.



5 Bed tiles.



6 Apply Grout.

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A **NORCROS** COMPANY



TAL PROFLEX®

TECHNICAL DATA

Mix ratio	5.5ℓ/20kg
Pot life	4 hours
Open time	20 minutes
Grouting after	24 hours
Full service	48 hours
Temperature resistance	-30°C to 100°C
Temperature application range	+5°C to + 30°C
Thickness variations	up to 25mm in isolated areas
Tensile strength	> 2.0N/mm ² (EN 1348 – Standard Conditions)

DIRECTIONS

Ensure the background is clean, dry and firm. Add 20 kg of TAL PROFLEX to 5.5ℓ of clean cool water. Apply using a notched TAL WALL TROWEL for interior wall installations and a notched TAL FLOOR TROWEL for exterior wall and all 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 of up to 25 mm in isolated areas. Always leave adequate movements joints. Never butt joint tiles. Allow approximately 24 hours before grouting and 48 hours before full service. (This can vary due to ambient conditions). Swimming pools should not be filled for at least 7 days.

COVERAGE

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