



Norcros SA: TAL flex

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TAL FLEX®



DESCRIPTION

TAL FLEX is a thin bed latex-based ready mixed wall tile adhesive for fixing lightweight tiles to flexible surfaces and dry-wall constructions. DO NOT use in extreme wet conditions, or on floors.

APPLICATIONS

TAL FLEX can be used on backgrounds that will give significant movement and where the tile panel service conditions will be interior with light duty and dry or, at most, damp conditions. TAL FLEX can be used on the following:

1. A rendering consisting of a 1:3 or 1:4 part cement/sand mix and having a woodfloat finish true to ±3mm over 2.5 metres. This rendering must be mature i.e. at least 2 weeks old before tiling commences.
2. Sheet, board and panel constructions. The background must be in good condition, clean and dry. It must then be braced by fixing with non-rusting screws at 300mm intervals into horizontal and vertical battens of 50 x 22mm seasoned timber; also set at 300mm centres. For material other than metal, prime the surface with TAL KEYCOAT. Timber panels must be sealed with TAL WOODSEAL.
3. Window and doorway arches. As TAL FLEX gives immediate tile grip, it is ideal for such upside-down tiling situations. Should the tiling be done onto a bad background, i.e. paint or gypsum plaster, the surface must be thoroughly chipped and primed with TAL KEYCOAT before tiling commences.

METHOD OF APPLICATION

1. At no time is the "S" spot method, or application with a serrated edge trowel, recommended. These methods give minimal adhesive contact, which in turn leads to the possibility of tiling failure.
2. At no time spread more adhesive than can be tiled onto in 10 - 15 minutes. Depending on atmospheric conditions, this will normally be around one square metre. This prevents the adhesive drying or "skinning" before applying the tiles.
3. Bed dry tiles (do not soak) firmly into the wet adhesive with a twisting action to ensure full contact between the background, tiles and adhesive. Tiles should be well tapped home with a rubber mallet or the wooden handle of a trowel. It is sound practice to remove the occasional tile to ensure that good contact has been achieved.
4. When using heavily lugged tiles, or tiles with a very irregular back profile, it is good practice to butter the back of each tile, ensuring that the grooves or dovetails are completely filled with adhesive.
5. Clean off any surplus adhesive remaining on the face of the tiles and between the joints with a damp sponge before the adhesive dries.
6. Never butt joint tiles. Joints are required to allow the individual tiles to move with respect to each other and thus avoid a compressive stress build-up. They are also required as vents for the tile adhesive to cure. The joints between wall tiles must be a minimum of 2mm wide.
7. Do not tile over structural, expansion or cold joints in the background. These joints must be extended through the various layers to the surface.
8. Grouting must not be carried out until sufficient bond has developed between the bedding mix and the tiles to preclude disturbance of the tiles during the grouting operation. Grouting should therefore not be carried out for 1 - 3 DAYS after completion of laying, depending on atmospheric conditions and different tiling situations. Fully vitrified tiles applied over dense substrates with very low rates of moisture absorption may require longer periods.

Solutions Through Technology



Another successful installation guaranteed

A NORCROS COMPANY



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2. Sheet, board and panel constructions. The background must be in good condition, clean and dry. It must then be braced by fixing with non-rusting screws at 300mm intervals into horizontal and vertical battens of 50 x 72mm seasoned timber, also set at 300mm centres. For material other than metal, prime the surface with TAL KEYCOAT. Timber panels must be sealed with TAL WOODSEAL.
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METHOD OF APPLICATION

1. At no time is the "5" spot method, or application with a serrated edge trowel, recommended. These methods give minimal adhesive contact, which in turn leads to the possibility of tiling failure.
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GENERAL INFORMATION

TAL FLEX has immediate tile-grip characteristics, thus minimising the possibility of tile-slump. Minimum storage temperature must be no lower than 5°C, with a maximum not higher than 35°C.

COVERAGE

Provided the correct method of application is used, approximately 1kg of TAL FLEX should cover 1m² when applied using a notched TAL WALL TROWEL.

STORAGE AND SHELF LIFE

When stored under cover between 5°C and 30°C, the product has a shelf life of 6 months.

PACKAGING

Available in polyethylene buckets of 5kg and 1kg. Keep closed when not in use to avoid product skinning.

WARNING

DO NOT INGEST • USE ONLY AS DIRECTED • WEAR PROTECTIVE GLOVES AND GOGGLES • 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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