

Tile Adhesive – Top Fix

DESCRIPTION:

TOPFIX is a polymer-modified thin-set mortar product. It is a Portland Cement based powder containing chemicals (non-shrinkage, bonding agent, waterproofing, etc). for upgrading the quality and for specific performance of the cementitious mortar.

USES:

TOPFIX is used to adhere ceramic, mosaic, quarry ceramic tiles, quarry tiles, mosaic tiles, natural stones and pavers to substrates subject to minor deflection. **TOPFIX** can also be used as multi-purpose thin-set mortar for bonding tile exterior grade plywood, some resilient flooring surface and formica, and offers increased bond strength to conventional thin-set mortar substrates such as concrete, concrete block, wonder-board, gypsum drywall and existing ceramic tile.

ADVANTAGES:

- Flexible thin-set mortar for all tiles.
- Interior/exterior multi-purpose tile adhesive.
- Extermely water leakage resistant. Lower permeability.
- Easy to use and handle.
- No shrinkage cracks and creep.
- Bonding of materials together or on the concrete, brick, plaster board, cement board.and other constructions materials.

SURFACE PREPARATION:

All substrates must be structurally sound with defection not to exceed 1/360 of the span. When bonding tile to a concrete slab or other suitable surfaces, they must be free from oil, grease, dust, paint, form release or curing compounds, concrete slabs should be finished with a steel notched trowel. All contaminants must be removed prior to the installation of **TOPFIX** and tile. All expansion, control, cold and construction joints must be borught through the tile and filled with an appropriate elastomeric sealant concrete must be cured and free from efflorescence.

MIXING:

Mix cool, clean water and **TOPFIX** powder together to a smooth paste consistency. Use approximately 4-5 liters of water per (20 kg) bag of TOPFIX.

Let slack 5 to 10 minutes, stir occasionally During use. Do not re-temper. When properly mixed, troweled ridges of **TOPFIX** will stand little or no slump. Although hand mixing is recommended for optimum results, an electric motor with an appropriate type mixing blade may be used at low speeds (150-200 rpm).

TECHNICAL DATA:

Dry Density	1.45 ± 0.1 gr/ml
Wet Density	2.10 ± 0.1 gr/ml
Pot life	3 hrs.
Set Time	24 hrs.
Open Time	20-30 min.
Tensile Adhesive Strength	0.75 N/mm ²
Tensile Adhesvie Strength under heat aging condition	0.64 N/mm ²
Slip Resistance	0.173mm
Compressive strength	> 10MPa

TOPFIX is manufactured to comply with SASO-ISO 13007-1C1 specifications and ANSI A118.4-92.

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APPLICATION:

dampen the surface before applying the adhesive. Use proper sized notched trowel to ensure full coverage of **TOPFIX** under tiles. Apply mortar with flat side of trowel held at a 35 deg. To 40 deg. Angle. This forces material into irregularities in surface of maximum adhesion. Then apply additional quantity of mortar with notched side of trowel. Press tiles firmly into place with slight twisting motion. Adjust tiles promptly and beat in with block and rubber mallet. Periodically pull up and check a recently placed tile to ensure that the proper amount of mortar is being used. Mortar bed thickness should be 1.5 mm to 3mm. Do not spread more mortar material than can be tiled in approximately 15 minutes or while material has wet tack. If too dry, remove and place with fresh material. Pot life is normally about 3 hours. Allow tiled installation to cure 24 to 72 hours before grouting.

COVERAGE:

Approximately 4.5-5 sq. meter per 20 kg (Bag) when applied at 3mm average thicknes.

PACKAGING:

20 kg/ bag

GUARANTEE:

The information given is based on knowledge and performance of the material. Every precaution is taken in the manufacturing of the product and the responsibility is limited to the quality of supplies, with no guarantee of results in the field, as AMANCRETE has no control over site conditions or exeuction of work.