



CRETESTONE

STONEFIX 05

(General Purpose Tile Adhesive)

Features / Benefits

- Single component, just add water
- Economical & Easy to use
- Bonds to various substrates
- Exceeds ANSI A118.1T shear bond strength requirements
- Complies with EN / ISO with a C1T classification.
- Exceeds IS 15477 – Type 1T Adhesive standards.
- Can be fortified with latex admix for external Tile and Stone installations.

Application

Designed especially for interior floor and wall installations of all types of ceramic tile, semi-vitreous tile, precast terrazzo and small format natural stones over concrete and on a variety of cement based substrates.

Packaging

20 kg bags

Color

Grey and white

Substrates

- Concrete
- Concrete Masonry
- Cement Mortar Beds
- Cement Plaster
- Existing Vitrified Tile* & Ceramic Tile*
- Brick Masonry
- Cement Terrazzo
- Existing Natural Stone

Coverage

Approx 55-60 sqft per 20kg bag with 1/4" x 1/4" (6mm x 6mm) square notched trowel for average bed of 3mm. Coverage will vary depending on trowel notch size, type and size of tile and substrate smoothness and evenness.

Installation

All surfaces should be between 40° F(4°C) and 104° F(40°C) and structurally sound, clean and free of all dirt, oil, grease, loose peeling paint, laitance, concrete sealers or curing compounds. Check the surface to be true to plumb. All slabs must be plumb and true to within ¼"(6mm) in 10 ft(3m). Rough or uneven concrete surfaces should be made smooth with Screed/Plaster material to provide a wood float (or better) finish. Dry, dusty concrete slabs or masonry should be dampened and excess water swept off. Installation may be made on a damp surface. New

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concrete slabs shall be damp cured and 28* days old before application. *No minimum cure time for concrete slabs when thin-set mortar is mixed with latex additive. Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Do not cover expansion joints with thin set mortar.

Surface Preparation

Mixing

Place clean, potable water into a clean mixing bowl. Add STONEFIX 05 powder into the mixing bowl. Use approximately 5.5 - 6L of water for 20 kg of powder. Mix by hand or with a slow speed mixer to a smooth, trowelable consistency. Allow adhesive to slake for 5-10 minutes. Adjust consistency if necessary. Remix and apply with the proper sized notched trowel. Note: Addition of CRETOPROOF LATEX ADMIX, partially or completely replacing water would enhance the bond strength, flexibility of the thin set mortar. Contact CRESTESTONE technical services for large format tile or stone installations on exterior surfaces.

Application

Apply adhesive to the substrate with the flat side of the trowel, pressing firmly to work into surface. Comb on additional adhesive with the notched side. Use the proper sized notched trowel to ensure full bedding of the tile. Spread as much adhesive as can be covered with tile in 10 minutes. Back butter large format tiles (> 12"x12") to provide full bedding and firm support. Place tiles into wet, sticky adhesive and beat in using a beating block and rubber mallet to imbed tile and adjust level. Check adhesive for complete coverage by periodically removing a tile and inspecting bedding adhesive transfer onto back of tile. Use of spacer is recommended to provide grout joints between tiles / stones. The joint width shall be as per the recommendation of architect / engineer. Remove the spacers when the adhesive is set firm. If adhesive is skinned over (not sticky), remove and replace with fresh adhesive. For highly absorbent natural stones which may form a wet patch when adhesive is used, it is recommended to use suitable Impregnating sealers on all sides. CRETOPROOF Latex admix can also be used as a bottom coat for natural stones to prevent or reduce wet patches during installation. Please refer Technical Data Sheets of product intended for use for specific instructions of use

Working Properties at 70° F (21° C) STONEFIX 05 Adhesive mixed with Water

Open Time	20 minutes
Pot Life	2 - 3 Hours
Time to Heavy Traffic	16 - 24 hours

Storage

Store under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

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