

EAMITILE GP 28

Special Purpose Ceramic Tile Adhesive

Product Description

EAMITILE GP 28 is a flexible , single component mortar adhesive . EAMITILE GP 28 is ideal for bonding natural stone & tiles to facades , terraces , balconies , on concrete & cement plaster . EAMITILE GP 28 when mixed with water will produce a smooth , non-sag, paste-like consistency which could be applied vertically and horizontally.

Uses

- High bonding performance & deformability makes EAMITILE GP 28 suitable for bonding on non pores natural stone, tiles on new or old substrates.
- Suitable for large areas .
- Suitable for bonding on submerged substrates : ponds , tanks, swimming pools , water sport centers .
- Permanent flexibility makes it resistant to thermal shock .
- Suitable for bonding on non pores substrates.
- Water resistance.

Advantages

- Easy to use and to apply.
- Abrasion resistance.
- Good open time.
- Suitable for interior and exterior applications.
- Non-toxic and does not contain any harmful ingredients.
- Easy to be cleaned.
- Non-sag and good slip resistance.
- Good bond strength.
- High strength permanent bond between two structurally sounded materials.

- For horizontal & vertical applications (walls & floors).
- Formulated for the Middle East climates.

Standards

EAMITILE GP 28 is formulated to comply with all requirements of DIN EN 12004: Adhesives for tiles - Requirements, evaluation of conformity, classification and designation, C1E: Normal setting cementitious adhesive with extended open time and ANSI A.118.1 for shear strength.

Guide for Application Surface Preparation

All surfaces shall be sound, clean and free from dust, grease & oils or other materials may make any cause de-bonding.

Mixing

5 - 6 Liters of water is required for 25-Kg (one pack) of EAMITILE GP 28. Add 5 - 6 liters of clean water into the vessel and gradually add the powder and using slow drill suitable mixing paddle. Continue mixing till a uniform free from lumps consistency is achieved. Please, note that the water's temperature should not exceed 35°C.

Application

The mixed materials should be applied into the prepared substrate to a uniform 2 – mm thickness using combed trowel.

Place tiles firmly into adhesive bed ensuring a very good contact with twisting motion.

The ceramic tile shall be fixed during the open time.

Technical Properties

Appearance	Smooth, non-sag consistency grey powder.
Specific Gravity @25 °C	1.75
Open Time @ 25 °C	> 15-minutes
Compressive Strength	35 N / mm ² .
Bond Shear Strength (ANSI A: 118.3 E5.5)	> 0.5 N / mm ² .

Packaging

EAMITILE GP 28 is supplied in 25-Kg packs.

Coverage

3-mm bed: 5.5 m² per 25-Kg pack

1.50 mm bed: 12 m² per 25 –kg pack

Storage

EAMITILE GP 28 should be stored in normal conditions away from any extreme temperatures or any source of moisture.

Cleaning

Clean any spillages with normal water and soap.
Clean all equipment and tools after work immediately. Hardened materials will be removed by mechanically.

Shelf-life

One year when stored in its original unopened package.

Health & Safety

- EAMITILE GP 28 is non-toxic, non-hazardous during handling, storage and use.
- For Ecology: Do not dispose directly to water or soil. Mix with amount of water and after hardening bury in landfill following the local regulations.
- Splashes on skin will be washed with water and soap.
- It is not dangerous during transportation.

Warranty

We warrant our products to be of good quality & manufactured to rigid standards. This Warranty is in lieu of any & all other warranties expressed or implied. This data sheet is published for information only. It is believed to be correct but no liability is accepted for it or the suitability of the product for any particular purpose. EAMIC TRETOL services are free & the company does not accept liability for any loss arising from it. Max liability is limited to substituting the same quality of material .

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