

TILEGRIP PASTE

One Part Ready to Use Tile Adhesive Paste

Description:

TILEGRIP PASTE is a ready to use one part polymer based tile adhesive, formulated with high quality chemical polymers, selected fillers and chemical additive to provide a paste ready to apply directly without mixing with water. The paste has excellent features of workability thixotropic and durable fixing properties for ceramic tiles, porcelain.

TILEGRIP PASTE adheres perfectly to a variety of supports like: concrete, cement boards, gypsum boards plaster, wooden panels and cement block

Applications:

- Direct application on gypsum and cement boards without primer.
- Direct application on plaster, concrete surfaces and block works.
- Application of mosaic and tiles for floors and walls of service areas.
- Swimming pools and water bodies.
- Application of mosaic tiles for wet areas like kitchens and bathrooms.
- Fixing of EPS insulation panels, rock wool panels, etc.

Advantages:

- Ready to use, no requirements of mixing.
- High bonding strength to substrates.
- Water proof paste, can be applied in areas where tiles are fully immersed.
- Easy applied to all types of tile at walls and floor.
- Combatale with all types of cement substrates.
- High workability, thixotropic for vertical applications.
- Paste product without the risk of powder spreading during mixing.
- Ideal for maintenance and home (do it yourself) application.

Instructions for Use:

Surface Preparation:

All surfaces should be sound, clean, dry and free from loose material, efflorescence, laitance, curing compounds, dirt, oil and grease. Ensure that concrete and block substrates are fully cured to accommodate all shrinkage factors.

Note that TILEGRIP PASTE cannot be applied on surfaces where high concentration of humidity is presented.

Mixing:

Does not require mixing, direct use only.

Application:

With a notched trowel, spread the paste to the substrate evenly and in sufficient quantity, with an average of 3 mm thick layer. Sweep a second pass with the notched part of the trowel to even the distribution of the material. Apply enough material that can be tiled during the open time of the product.

Spreading large area may result in drying the adhesive before fixing the tiles which will cause poor adhesion and, as a result, de-bonding risk.

With pressure and twist movement left and right push the tile into place over the wet adhesive. Work it in properly to ensure full contact between the back of the tile and the adhesive. Once fixed, some of the adhesive might ooze from the edges of the tile. Remove excess adhesive with a wet cloth before adhesive dries.

When applying tiles of sizes larger than 40x40 cm, apply tile adhesive to the back of the tile in addition to the applied tile adhesive on the substrate.

Extra care should be taken that the applied adhesive is always fresh and no superficial film had formed. In this case a fresh layer of adhesive should be applied.

TILEGRIP PASTE

Joints color grouting can be performed after 12 hours of tiling of walls and 24 hours of tiling of floors.

Standards:

TILEGRIP PASTE conforms to:

- EN 12004 – D1TE
- ANSI A 136.1 - 1999

TECHNICAL PROPERTIES

Color:	: White dense paste
Solid Contents	: 85%
Grouting time	: Walls: 10 hrs. Floors: 24 hrs.
Bond Strength	: 1.5 N/mm ²
Density	: 1.50 kg/lit.
Open time @ 25°C	: 40 minutes
Adjustable time	: 60 minutes
Adhesion Strength	: @ 28 days 1.80 N/mm ² after heat 1.20 N/mm ² after water immersion 0.70 N/mm ²
Shear Strength	: 3.0 N/mm ²
Harmfulness	: None

Packaging:

Available in 20 kg plastic pails.

Coverage:

TILEGRIP PASTE achieves coverage of 4.5 square meters per bag @ 3 mm thickness of application.

Storage:

Store in original packing in dry conditions away from direct sunlight and high humidity levels.

Shelf Life:

TILEGRIP PASTE can be utilized within 12 months of production date if stored in proper conditions in unopened original packing.

Cleaning:

Clean with water before the product dries.

Remarks:

- TILEGRIP PASTE is not resistant to alkali and acid solutions.
- Should not be applied onto surfaces likely to suffer from rising dampness or moisture content.
- Should not be applied at ambient temperatures less than 5°C.
- Do not use the product to fix non-porous tiles or non-porous substrates, such as tiles on tiles application.
- For internal application only.

Health and Safety:

- Use goggles and gloves during application. Do not breathe vapor of products. Use only in well ventilated areas.
- Avoid contact with eyes or skin.

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This technical data sheet is not considered as local building codes. It shall be used as general reference for the product, based on our current knowledge and experience. However the company do not accept any liability arising from the use of its products as it has no direct control on how and where the product is applied.

