

TILEBOND P22

Ready to Use, Acrylic Paste Tile Adhesive

Description

TILE BOND P22 is an elastic, professional paste adhesive ready to use composed of synthetic acrylic binder, selected mineral fillers, adhesion promoter and special additives to fix all types of ceramic tiles. Excellent workability, strong adhesion, no vertical slip, extended open time, ease of application and excellent deformability.

Features & Benefits

- Ready to use putty, easy to apply.
- Waterproof
- High freeze/ thaw resistance
- For indoor application.
- For walls and floors.
- High workability and elasticity.
- High adhesion and bond strength.
- Non- sag properties.
- Excellent resistance to water and weather changes.
- Suitable for hot weather.

Uses

TILE BOND P22 is used for interior laying of tiles and different type of mosaic tiles, on cement plasters, prefabricated panels, reinforced concrete, asbestos cement and on gypsum plasters, gypsum panels, plasterboard, etc. without the necessary of using primer.

TILE BOND P22 has excellent elasticity that makes it suitable for fixing tiles on walls or floors affected by movements.

It can be used for the gluing of insulating materials such as polystyrene, expanded polyurethane, expanded cement elements, etc. on porous supports.

TILE BOND P22 cannot be used for gluing of non-porous materials on non-porous supports.

Technical Properties

Appearance	Acrylic Paste
Color	White
Density	1,500 Kg/m ³ approx.

Open time	45 min @ 25°C
VOC	<5.0 g/L
Adhesion Strength Initial	≥1.8 N/mm ²
After heat aging	2.5 N/mm ²
Water resistance	Excellent
Slip resistance	Excellent
Time for grouting	24 hours
Full strength	14 days
Service Temperature	-10 to +80 °C

All values are subject to 5-10% tolerance

Standards Compliance:

- EN 12004 – D1TE
- EN 1346
- EN 1324
- ANSI 136.1

Application Procedures

Surface preparation:

Surfaces must be prepared thoroughly before commencing application. All substrates must be structurally sound, stable, dry, and clean. Building surfaces must be constructed to manufacturer's recommendations and relevant building standards in force at time of membrane application. All surfaces are to be free of sharp protruding surfaces, loose material, de-bonded coatings, curing membranes/agents, release agents, wax residues, foreign particles, laitance, algae and moss, grime, oils, animal fats or grease remains.

Structurally unsound layers and surface contaminants are to be mechanically removed by abrasive blasting, blast tracking, grinding or equivalent methods.

Mixing Instructions:

TILE BOND P22 is ready to use product, just needs to remix before use to insure all ingredients mixed in a homogeneous paste.

Application Instructions:

Spread **TILE BOND P22** adhesive evenly over the substrate using notched trowel, the first pass with its smooth part and the second pass with the toothed part. While adhesive is in a wet state, press and slide the tile at right angles to the notched line of the adhesive to ensure 100% coverage to tile backs.

Remove excess adhesive from tile surface and joints using damp cloth before the adhesive dry. Joints grouting between tiles may be recommended after 24 hours of tiling.

Yield/ Coverage

2 – 4 kg/ m² according to the type of tile and surface roughness.

Packaging

TILE BOND P22 is available in 20kg Pail.

Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.

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