

Super Grade Cementitious Waterproofing Adhesive

PolyFix WPA




Description

PolyFix WPA is a super grade, water proofing cementitious tile adhesive for both external and internal application. The one component product is suitable for both walls and floors.

Uses

PolyFix WPA is used for fixing ceramic tiles, marble tiles, granite, terrazzo, and quartz tiles on most construction substrates (concrete, masonry, and cement plaster)

Features

- Highly workable, can be easily used.
- High bonding strength even in damp conditions.
- Can be used with large format tiles.
- Designed for high build and to reduce lippage.
- Extended correction time.
- Special additives added to minimize shrinkage in the system.
- Safe, non flammable, and non hazardous.
- Economic to use.

Technical Properties

Wet density	1800 kg/m ³
Correction time	25 minutes
Curing time	24 hours
Water absorption	Below 3%
Color	Grey, White & other colors upon request

White color mechanical properties

Bonding strength	≥ 2.3 MPa
Bonding Adhesion	≥ 2.1 MPa on steel ≥ 1.2 MPa on concrete

Grey color mechanical properties

Bonding strength	≥ 1.9 MPa
Bonding Adhesion	≥ 1.8 MPa on steel ≥ 1.1 MPa on concrete

Standards

BS 5980 type I Class A
ANSI A118.1 – 1999

Application procedure

Surface preparation: Surface should be sound, clean and free of dirt, grease, sealers, mould release oils or curing compounds. For best results damp down the surface but not the tiles. During application surface must be free from rising dampness and other hydrostatic pressure.

Application: Mix **Polyfix WPA** with water at the ratio 6 to 7 liters of water per 25 kg of powder to get a paste like, lump free consistency. Wait for 5 minutes. Remix thoroughly and adjust consistency if needed to obtain a cream like consistency. Apply the mixture with a suitable notched trowel on to the substrate or the tile, and recomb to adjust the surface, apply the tile and adjust be pressing carefully. It's recommended to work 3 to 5 square meters at a time. Apply the Grouting material after a minimum of 24 hours

Storage & Packing

Store under cover, out of direct sunlight and protect from extreme temperatures. In tropical climates the product must be stored in air-conditioned environment. Shelf life is up to 12 months when stored as per recommendations.

Available in 25 kg bags.

Cleaning

Tools should be cleaned with water after use.

Health and safety

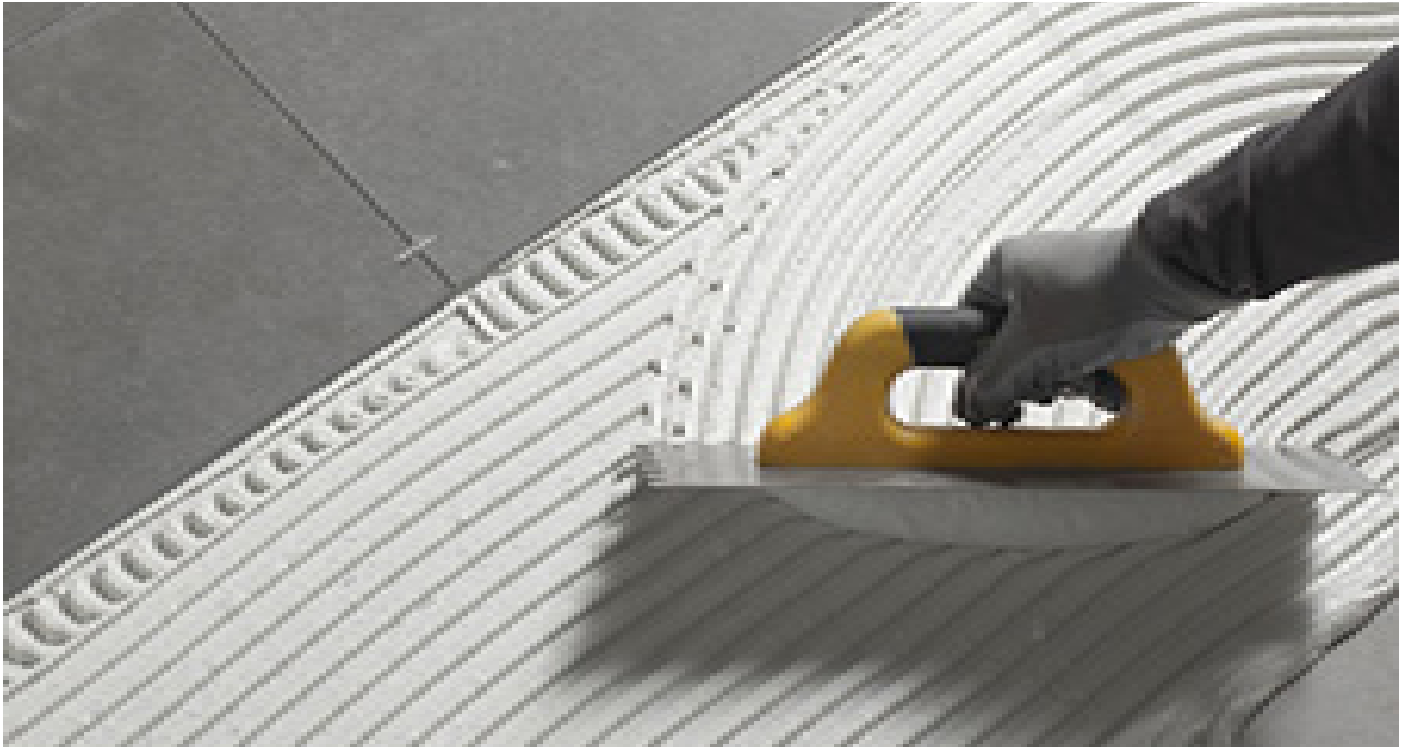
As with all construction chemicals products caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.

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PolyCem

▶ engineered cements



Legal Notes

The information provided in this data sheet, are given in good faith based on our current knowledge and experience of the product when properly stored, and applied by professional applicator, and under normal conditions in accordance with the mentioned recommendations. In practice under actual site condition differences are such that no warranty can be issued nor any liability can be taken, arising out of any legal relationship whatsoever. The product must be tested onsite to check its suitability for the intended application and purpose

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HardStep
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