HIPPO CHEM

Cementitious Large-Format Tile and Slab Adhesive

HK3

Cementitious Large-Format Tile and Slab Adhesive is based on cement and copolymer resins. It is composed of cement and graded siliceous aggregates, and also contains powder polymers and other natural and mineral modifiers.

Features

- High bonding strength
- High flexibility
- High thermal resistance
- High resistance to abrasion and compression

Applications

- Installation of all types of large-format slab tiles and ceramics up to 120 × 300 cm
- Suitable for installation in dry and wet environments
- Floor tile installation in high-traffic areas

Method of use: The surface must be completely clean and free of any contamination, loose areas, grease, etc. First pour the required amount of water into a container, then mix using a suitable mechanical mixer until a uniform, lump-free product is obtained. After mixing and obtaining a homogeneous product, let it rest for 5 minutes, and then continue mixing. Apply the prepared paste to the surface using a notched trowel. Mix 20 kg of powder with 5 liters of water (mixing ratio 4 to 1).

Coverage: Typically, 3 kg of powder covers one square meter.

Property	Result	Test	Standard Limit (INSO 12492)	Company Test Results
Physical state	Powder	Initial tensile adhesion strength (N/mm^2)	Greater than 1	1.70
Color	White / Gray	Tensile adhesion strength after water immersion (N/mm^2)	Greater than 1	1.50
Density	1.6 g/cm^3	Tensile adhesion strength after heat aging (N/mm^2)	Greater than 1	1.60
Open time (at 20 to 30 °C)	30 minutes	Tensile adhesion strength after freeze–thaw cycles (N/mm^2)	Greater than 1	1.65
Ready for service after	24 hours	Tensile adhesion strength at open time (N/mm^2)	Greater than 1	1.45
Pot life	60 minutes			
Chloride ions	None			
Classification (INSO 12492)	C2S2			

Packaging	20 kg bag
Shelf life	One year in original packaging
Storage conditions	Protect from cold and frost, heat, and direct or prolonged sunlight
Recommended storage temperature	+10 to +30 °C

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