HIPPO CHEM

Standard Cementitious Tile Adhesive

HK1

Standard Cementitious Tile Adhesive is composed of cement, mineral fillers and polymer resins to enhance and strengthen bonding strength. It is a polymer-reinforced cement-based adhesive and, owing to the polymers used in its production, it becomes very strong after drying. It can be used to bond all kinds of water-absorbing tiles, ceramics and mosaics on walls, and to install porcelain tiles on floors.

Because its structure contains cement and polymer resins, Standard Cementitious Tile Adhesive has higher bonding strength than paste adhesive, and is therefore regarded as a good choice for installing tiles and ceramics on vertical surfaces. Another feature of this product is its resistance to temperature changes after drying.

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.

Coverage: Typically, 4 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 0.5	0.85
Color	White / Gray	Tensile adhesion strength after water immersion (N/mm^2)	Greater than 0.5	0.78
Density	1.6 g/cm^3	Tensile adhesion strength after heat aging (N/mm^2)	Greater than 0.5	0.61
Open time (at 20 to 30 °C)	30 minutes	Tensile adhesion strength after freeze–thaw cycles (N/mm^2)	Greater than 0.5	0.75
Ready for service after	24 hours	Tensile adhesion strength at open time (N/mm^2)	Greater than 0.5	0.59
Pot life	60 minutes			
Chloride ions	None			
Classification (INSO 12492)	C1			

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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