

ChemTile Standard (GRAY)

Polymer Modified Cement Based Tile Adhesive for Floor

Customized Construction Chemicals

Description: - ChemTile Standard (Gray) is a polymer modified cementitious for fixing tiles on floors in interiors as well as exteriors. It is single pack only water needs to be added before application to get workable consistency. ChemTile Standard (Gray) adhesive have high bonding and adhesive strength with the substrate.

Characteristic Parameters

Standard Specification:-EN: 1542, EN: 1348, IS: 15477:2004 Type 1&2

Test Parameters	Specification
Appearance	Gray Powder
Bulk Density	1.40 - 1.55 gm/cc
Mix Density (Mix 3 Part Powder + 1 Part Water)	1.75 - 1.90 gm/cc
Pot Life at 27°C, Minutes	80 – 120
Open Time, Minutes	30 – 40
Curing Time at 27°C, Hrs.	24
Theoretical Coverage,kg/m ² , 5 mm thickness	4 - 6

Features/Advantages

- ❖ Economical and ready to use.
- ❖ Flexible adhesive. Good bonding strength.
- ❖ Can used for new construction and renovation.
- ❖ Fast setting adhesive, only water to be added.
- ❖ Shelf curing.

Applications

- ❖ Ideal for fixing all types of floor tiles.
- ❖ Suitable for fixing all regular size ceramic, mosaic vitrified tiles and marble on floors.

Application methodology

- ❖ The surfaces should be clean and sound, free from dust, grease, oils, foreign matter etc.
- ❖ Add 20 kg and 25 Kg bag in approx. 6.64 and 8.3 liter of clean water (recommended proportion approx. 3:1 of (Chem Tile : Water)
- ❖ During the site application, addition of water should be adjusted to achieve desired consistency.
- ❖ Mix with a slow speed stirrer (60-150 rpm) or with a trowel until a lump-free homogeneous paste is obtained.
- ❖ Always mix the required quantity, which can be consumed within the specified pot life maintaining the above mentioned mixing proportion.
- ❖ Spread the mixed adhesive past to a thickness of approx. 3-6 mm and comb with a notched trowel.
- ❖ Apply the adhesive paste which can be tiled within 30-60 minutes.
- ❖ Intermittently touch the adhesive paste on substrate by finger.
- ❖ If the adhesive sticks to fingers then continue tiling and if not, scrape off the mix and apply new coat before further tiling.
- ❖ Start placing tiles on the surface to be tiled.
- ❖ Tap the tiles properly to ensure complete coverage of the backside of tiles and to eliminate the possibility of any air voids
- ❖ Keep joints between two tiles using spacers
- ❖ Allow tiling to set for 24 hours prior to filling joints.

Cleaning of Tools: -Clean all tools and application equipment with water immediately after use. Hardened material can only be mechanically removed.

Precautions

- ❖ Before tiles applications surface should be cleaned properly, smooth, hard and good condition.
- ❖ Always add powder in water.
- ❖ Only add water as per recommended by manufacturer guidelines.
- ❖ Don't add sand and cement in adhesive.
- ❖ Strictly prohibited tor using adhesive on gypsum plaster, paint, wood and metal.
- ❖ Avoid contact with eyes.

Health & Safety

- ❖ Before handling product wear suitable protective clothing, gloves, Nose mask, helmet and Goggles.
- ❖ Avoid contact with skin /eyes, and avoid swallowing.
- ❖ Inhalation of dust during mixing should be avoided.
- ❖ If material contacted to skin rinse with plenty of clean water, then cleanse with soap and water.
- ❖ In case of eye contact, wash with plenty of clean water and seek medical advice.

Packing: - 20 kg, 25 kg. Moisture Proof Bag.

Shelf-Life and Storage Condition: - Shelf life is 12 months from the date of manufacturing when stored with unopened and undamaged sealed moisture proof bags. If stored in high temperature and high humidity place, shelf life may be reduced.

Our Other Products Ranges Are:-

- Concrete Admixtures
- Sealants & Primer
- Industrial Floorings
- Concrete Repair Products
- Mould Release Agents
- Adhesive for Tiles, Marbles and Stones
- Concrete Curing Compounds
- Waterproofing Chemicals
- Industrial Grouts
- Concrete Hardeners
- Concrete Bonding Agents
- Joint Filler Grouts for Tiles, Marbles and Stones

Offshore

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OFFSHORE CHEMOX

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