

ChemTile Diamond Plus (White)

Especially Designed for Fixing Glass, Marble, Stone
And Heavy Tile on Walls and Floors

Description: - ChemTile Diamond Plus (White) is a highly polymer modified, high strength and high performance white adhesive which is especially designed for fixing glass, marble, stone and heavy tiles on internal and external walls and floors. ChemTile Diamond Plus (White) have excellent bonding and adhesive strength with mostly substrate. It gives very smooth consistency when mix with water for easy application.

Characteristic Parameters

Test Parameters	Specification
Appearance	White Powder
Open time, Minutes	30 - 40
Density at 27°C	1.55 - 1.65 gm/cc
Mix Density at 27°C	1.75 - 1.85 gm/cc
Pot Life at 27°C, Minutes	60 - 80
Curing Time at 27°C, hrs.	24
Theoretical Coverage, Kg/m ² , 5 mm thickness	3.5 - 4.5

Features/Advantages

- ❖ Ready to use only water needs to be added.
- ❖ Flexible adhesive.
- ❖ Heavy duty, good bonding strength.
- ❖ Contains special chemicals, non-shrink and excellent adhesion properties better bond than conventional cement-based mortar.
- ❖ Can used for new construction and renovation. Fast setting and quick strength development.
- ❖ Self-curing.
- ❖ Smooth paste like consistency for easy application.

Applications

- ❖ For all internal and external floor, walls, swimming pools, bathrooms and kitchen application.
- ❖ Suitable for fixing all type of medium and large size tiles, glass, marbles and other natural stone.

Application methodology

- ❖ The surfaces should be clean and sound, free from dust, grease, oils, foreign matter etc.
- ❖ Add 25 Kg bag in approx. 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 aforementioned 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 that are available with Tile Adhesive Plus bag
- ❖ 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 for 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 and 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

Important Note: - Offshore Chemox products are confirming standard manufacturing specification and procedure. Offshore Chemox products are given in good faith based on Offshore Chemox current knowledge and experience of the products when properly stored, handled and applied under normal conditions. Offshore Chemox product are confident against defective materials and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Offshore Chemox endeavors to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

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