

ChemTile Diamond (Gray)

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

Description: - ChemTile Diamond (Gray) is a highly polymer modified high strength cementitious tile adhesive which is specially designed for fixing Marble, Stone, and heavy tiles on floors and walls in interiors as well as exteriors. It has superior bonding and adhesive strength with the substrate and gives excellent bonding strength, therefore can be fixed medium and large size tiles glass, marble and other natural stone. It is single pack only water needed to achieve workable smooth consistency.

Characteristic Parameters

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

Test Parameters	Specification
Appearance	Gray Powder
Open Time, Minutes	30 - 40
Density 27°C	1.50 - 1.65 gm/cc
Mix Density 27°C	1.8 - 2.0 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	4.5 - 6.5

Features/Advantages

- ❖ Excellent workable consistency.
- ❖ No-shrink and excellent adhesion property.
- ❖ Contains special chemicals therefore better bond than conventional cement-based mortar.
- ❖ Can be used for new construction and renovation.
- ❖ Self-curing.
- ❖ Water resistance, no curing required.

Applications

- ❖ For all internal and external floor, walls, swimming pools, bathrooms and kitchen application.
- ❖ Suitable for fixing all types 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 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 paste to a thickness of approx. 3-5 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 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

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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