

Ceram-Fix

General Purpose, Non-Shrink Cementitious Tile Adhesive

PRODUCT DESCRIPTION

Ceram-Fix is a cementitious, non-shrink, polymer containing, and thin bed tile adhesive used for permanent fixing of tiles, Suitable for tropical and hot climatic conditions.

AREA OF APPLICATION

Ceram-Fix is suitable for fixing:

- Wall and floor tiles
- Insulation and acoustic tiles
- Marble and terrazzo tiles
- Mosaics

FEATURES / BENEFITS

- High bond strengths
- Easy to use, just add water
- Excellent workability
- Suitable for indoor and outdoor application
- Excellent pot life
- Can be applied directly on cement screeds, concrete or lime mortars
- Non-Toxic

PRODUCT INFORMATION

Type: Cementitious Powder

Color/Form: Grey/White Powder

PACKAGING

20 kg / 40 kg Bags.

STORAGE CONDITIONS

In a dry are between 5°C and 40°C. Protect from direct sunlight.

SHELF LIFE

12 months minimum from production date if stored properly in original unopened packaging.

TECHNICAL INFORMATION

Marking Ratio: Add 24-26% cold, clean water by weight of powder or 4.8-5.2 liters per 20kg bag.

Pot Life: Approximately 60 minutes at 25°C.

Open Time: Approximately 20 minutes at 25°C (Skinning Wacker method)

Density: Fresh Mortar Approximately 1.90 kg/liters

Coverage: One 20 kg bag will cover approximately 4.5 - 6.6 m² at 2-3 mm thickness

Temperature: Minimum 5°C, Maximum 40°C (substrate)

DIRECTIONS FOR USE

| | |
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| Substrate Preparation | Concrete, mortar and masonry Surfaces must be clean, free from grease, oil and loosely adhering particles. Suitable mechanical methods such as abrasive blast cleaning; high pressure water jetting at sufficient pressure (minimum 150 bar) and volume; scabbling or needle gunning. On “new” or smooth faced concrete, surfaces should be sand-blasted. All surfaces must be as true and flat as possible. Blow holes and irregularities should be filled Substrate absorbent concrete surfaces thoroughly with water to achieve a surface saturated dry (SSD) condition. |
| Mixing | Add about 4.8-5.2 liters clean, cold water to a clean, suitable mixing container. Slowly add the Ceram-fix powder and mix for at least 3 minutes until a homogeneous mix, free of lumps is achieved. Do not mix more Ceram-Fix than can be used within the open time. Do not add extra water or other ingredients after mixing. |
| Application | Apply Ceram-Fix at 2-3 mm thickness directly to the concrete substrate. Using a notched trowel and spread the mortar evenly over the area to be tiled. Cover only an area that can be tiled within 15-30 minutes. Press tiles firmly Ceram-Fix with a twisting action to ensure optimum adhesion. <ol style="list-style-type: none">1. Use 4-4.5 liters of clean water per 20 kg bag.2. Mix well with a hand trowel. For large volume mixing use a slow speed drill (maximum 500rpm)3. Apply with "V"-notched trowels for small tiles.4. Apply with square notched trowel for bigger tiles.5. Place the tiles firmly into the fresh adhesive. |
| Curing | Where ambient conditions may lead to rapid surface drying, the use of light water fogging for 48 hrs. hessian or suitable water-based curing compound is recommended. Do not commence fogging until final set has been reached. |
| Cleaning | Application and mixing tools should be cleaned with water while material is still fresh. Hardened material can only be removed mechanically. |
| Notes | All technical and mixing tools should be cleaned with water while material is still fresh. Hardened material can only be removed mechanically. |
| Remarks | Ceram-Fix should not be used directly on gypsum or gypsum board substances. Contact our Technical Service Department for advice. |
| Safety | For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent material safety data sheet containing physical, ecological, toxicological and other safety-related data. |



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