



ABOUT INSTA FIX MM 11

INSTA FIX MM 11 is a specially formulated macromolecule-based, hydro-soluble liquid additive designed to enhance traditional wet-on-wet tile and stone installation systems. When diluted with water and mixed with Portland cement, it forms a high-performance cement slurry that offers superior adhesion for ceramic, vitrified tiles, and natural stones.

INSTA FIX MM 11 eliminates the need for water curing, improves workability, and enhances bonding performance—making it a highly economical and effective solution for internal and external flooring applications.

SURFACE APPLICATION MATERIALS

- | | |
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|  Ceramic tiles |  Vitrified tiles |
|  Natural stones |  Marble & granite |
|  Porcelain tiles |  Cement body tiles |

RECOMMENDED SURFACES / SUBSTRATES

- | | |
|---|--|
|  Cement mortar beds (wet-on-wet application) |  Cement-based screeds & mortar beds |
|  Concrete surfaces |  Waterproofing-treated surfaces |

APPLICATION AREAS

- | | |
|---|--|
|  Flooring & walls (internal & external) |  Residential & commercial applications |
|  External shaded & open areas |  New construction & renovation projects |
|  Wet areas (e.g., saunas, spas, fountains, swimming pools) |  |

PRODUCT HIGHLIGHTS

- ❖ **TRADITIONAL SLURRY ENHANCER** – Designed specifically for wet-on-wet bed installations using cement slurry.
- ❖ **READY-TO-USE** – Easy to mix and disperses quickly in water.
- ❖ **POLYMER MODIFIED** – Increases adhesion, open time, and adjustment time.
- ❖ **SELF-CURING FORMULA** – Eliminates the need for additional water curing.
- ❖ **ENHANCED PERFORMANCE** – Outperforms conventional cement-only slurry systems.
- ❖ **ECONOMICAL SOLUTION** – High effectiveness with low usage cost.

TECHNICAL DATA

PERFORMANCE CHARACTERISTICS

INSTA FIX MM 11 slurry vs Traditional Cement Slurry Method:

PARAMETER	TRADITIONAL SLURRY METHOD	INSTA FIX MM 11 SLURRY METHOD
Bond Strength	0.26 to 0.51 MPa	0.51 to 0.76 MPa
Water Absorption	High	Low
Water Segregation	Yes	No
Water Curing	Required	Not Required

Specifications are subject to change without prior notice. Above values are typical and based on standard test procedures. Actual performance may vary depending on jobsite conditions and installation methods.

APPLICATION INSTRUCTIONS

1. Shake the INSTA FIX MM 11 container well before use.
2. In a clean bucket, pour 20 Litres of potable water.
3. Add 300 ml of INSTA FIX MM 11 to the water and mix thoroughly.
4. Let the mixture stand for 5–10 minutes.
5. Gradually add 50 kg of cement to the prepared slurry and mix until a smooth, lump-free consistency is achieved.
6. If necessary, adjust water quantity up to a maximum of 30 Litres per 300 ml of INSTA FIX MM 11 for desired workability.

STEP-BY-STEP TILE APPLICATION GUIDE

1. SURFACE PREPARATION

- Apply a skim coat using the flat side of a notched trowel.
- Then use the notched side to comb adhesive in straight lines.

2. TILE PLACEMENT

- Fix tiles within 10 minutes of applying slurry.
- Press firmly using a twisting motion and adjust with a rubber mallet.

3. ACHIEVING FULL ADHESION

- For larger tiles, back-buttering is recommended for full coverage.

4. SPACING & CLEANING

- Use spacers to maintain consistent joint gaps
- Clean excess slurry before it sets.

PRO TIPS & PRECAUTIONS

- ✓ Protect installed areas from moisture and traffic until cured.

- ✓ Do not ingest; rinse thoroughly with clean water in case of skin or eye contact.
- ✓ Ensure the substrate is structurally sound and free from contaminants.
- ✓ Higher dosages of INSTA FIX MM 11 can increase bonding performance.

PRODUCT SPECIFICATIONS AND STORAGE GUIDELINES

PACKAGING:

- 300 ml bottle
- 900 ml bottle

COLOUR: White

SHELF LIFE:

- 1 year when stored in original, unopened packaging in a dry, cool area.

STORAGE:

- Ideal storage conditions: +15°C to +35°C.
- Avoid storing in high temperature or high humidity conditions.

GROUTING INSTRUCTIONS

- Grouting may begin after a minimum of 24 hours curing at 21°C (70°F).

COVERAGE DETAILS

- Mix 300 ml of INSTA FIX MM 11 with 50 kg of cement.
- Coverage may vary depending on mortar bed thickness and mix proportions.

FACTORS AFFECTING COVERAGE

- Trowel size & application technique
- Tile size & material
- Surface smoothness & porosity

SAFETY AND APPLICATION GUIDELINES FOR INSTA FIX MM 11

1. PERSONAL PROTECTION

- Wear protective gloves, clothing, and eye/face protection.
- Keep out of reach of children.

2. EMERGENCY PROCEDURES

- **Skin Contact:** Wash immediately with clean water.
- **Eye Contact:** Rinse thoroughly with water for 15 minutes and seek medical attention.

PERFORMANCE LIMITATIONS

- Not a replacement for waterproof membranes. For waterproofing.
- Substrate must be structurally sound, rigid, and free from movement or deflection.