



## LATEX PROOF

SBR–Siloxane additive for enhanced adhesion and water resistance

### **Product Description:**

**LATEX PROOF** is high-performance polymer latex based on SBR reinforced with siloxane technology. It is designed as a concrete and mortar additive to improve mechanical strength, adhesion, flexibility, and significantly enhance resistance to water and moisture. Ideal for repair works, waterproofing mortars, bonding coats, and high-performance concrete applications.

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### **Features & Benefits**

- Improves compressive and flexural strengths.
- Excellent adhesion enhancement for concrete and mortar.
- Superior water and moisture resistance due to siloxane system.
- Reduces shrinkage and cracking.
- Enhances workability and flexibility.
- Suitable for hot and humid climates.

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### **Uses & Applications**

**LATEX PROOF** (SBR + Siloxane) is used in applications requiring high water and moisture resistance, improved adhesion, and durability, particularly in wet areas.

- Ceramic and tile grout filling with reduced water absorption.
- Crack-resistant and anti-blackening grout mortars.
- Flexible cementitious waterproof mortars under tiles.
- Repair mortars for moisture-exposed areas.
- Water-resistant floor screeds in wet environments

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### **Technical specifications :**

Property	Value
Appearance	Milky liquid
Density @ 25°C	1.01 ± 0.03 g/cm <sup>3</sup>
pH	7 – 9



## Instructions for use:

### Surface Preparation

- Surfaces must be clean, sound, and free from dust, oil, or loose materials.
- Pre-wet the surface with clean water without leaving standing water.

### 1) Ceramic & Tile Grout Filling

- Mix white cement or grout mortar using:
- **LATEX PROOF : Water = 1 : 2**
- Use the mixture as total mixing liquid.
- Fill joints thoroughly and compact well.
- Clean excess material after initial set.

### 2) Water-Resistant & Crack-Resistant Grout

- Follow the same mixing ratio.
- Avoid adding excess water.
- Protect from water for at least 24 hours.

### 3) Cementitious Waterproof Mortar Under Tiles

- Prepare cement-sand mortar as required.
- Replace mixing water with:
- **LATEX PROOF : Water = 1 : 1**
- Apply in two crosswise coats.
- Allow to dry before tile installation.

### 4) Repair Mortars in Wet Areas

- Prepare suitable cementitious repair mortar.
- Replace mixing water with:
- **LATEX PROOF : Water = 1 : 2**
- Apply using a trowel and cure properly.

### 5) Water-Resistant Floor Screeds

- Mix cement and sand.
- Mixing liquid:
- **LATEX PROOF : Water = 1 : 3**
- Apply screed and cure for a minimum of 3 days.

## Important Notes

- Do not dilute **LATEX PROOF** excessively; it reduces adhesion strength.
- Avoid application under direct sunlight or on extremely hot surfaces.
- For high-strength repair works, increase **LATEX PROOF** content to **20–25%** of cement weight.

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## Packaging & Storage

- **Packaging:** 1 Kg, 5 Kg, 20 Kg (custom packaging on request).
- **Storage:** Store in original sealed containers, protected from frost and direct sun. Keep between 5–35 °C. Keep from freezing.
- **Shelf life:** 12 months unopened; older batches should be assessed.

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## Safety / Handling

- Non-flammable (water-based). Use gloves and eye protection. Avoid skin contact.
- If splashed to eyes: rinse thoroughly with water and seek medical attention.
- For full details provide SDS (Safety Data Sheet) to customers.
- Dispose according to local regulations.

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