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# BestLatex R126

New to old concrete bonding and water-proofing agent

## Description:

BestLatex R126 is a modified Styrene Butadiene emulsion copolymer used to mix with cement or sand-cement to increase adhesion, waterproofing, and anti-corrosion for building surfaces.

## Uses:

### BestLatex R126 is applicable for the following fields:

- Slurry layer (used to waterproof or connect new to old concrete).
- Thin layer of patchwork mortar to finish the surface.
- Surface waterproofing mortar.
- Abrasion-resistant floor screeds; Concrete repair mortar.
- Abrasion-resistant linings; Tile adhesive mortars.
- Waterproofing masonry mortars.

## Advantages:

- Excellent bonding and adhesion; Minimize shrinkage of volume during the curing process. Increase elasticity for sand and cement mortar.
- Increase the maximum waterproofing capacity for surfaces that are frequently exposed to water.
- Increase chemical corrosion resistance and abrasion resistance.
- Stability in terms of chemical and physical properties. BestLatex R126 is an irreversible polymer emulsion, after application, BestLatex R126 develops a membrane-bonding network with silicate-derived surfaces when exposed to it so it is not converted to emulsion even under high alkalinity conditions.
- Non-toxic when cured, so it could be applied for waterproofing mortar directly in contact with domestic water.
- Increase the intensity of the plaster.
- Suitable for making mortars and patches where thin finishing layers are required.

## SPECIFICATION

### Chemical based:

Modified Styrene-Butadiene Copolymer.

### Color and Appearance:

White milky liquid.

### Density:

 $1.01 \pm 0.02$  kg/liter @ 25°C.

### pH

 $7.0 \div 9.0$  (@ 25°C ).

### Storage Condition:

Store in a dry, cool place, freeze-free area.

### Shelf Life:

12 months in original, unopened packaging.

## BESTMIX CORPORATION

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**Packaging:** 1; 5; 25L/ can; 210 L/pail.

## INSTALLATION

**Surface preparation:** The surface must be clean, and remove dust, laitance, grease, and any other contaminants.  
If the surface is not rough enough, roughen the surface by using suitable mechanical methods before application.  
Saturate an entire surface with clean water but no water remains.

**Material preparation:** Aggregation (sand) must be selected carefully and clean, and the particle size of sand must be suitable for the width of grout and the requirement of surface fineness when applied.

### For Waterproofing and old to new concrete bonding slurry:

**Mixing ratio:** 1L BestLatex R126 + 1.5L Water + 5kg Cement = 4.1L Slurry

**Application:** Pour the cement into the mixture BestLatex R126 and water (pre-quantified), and use a paddle to mix until homogeneous. Apply the connected layer of 1 - 2mm thickness on the water-saturated surface first and pour new concrete or plaster the waterproofing mortar as soon as the cement slurry-BestLatex R126 is wet.

**Consumption:** 1 liter of BestLatex R126/ approx. 5m<sup>2</sup> applicable.

### For waterproofing mortar:

**Mixing ratio:** 1L BestLatex R126 + 4.5L water + 9 kg Cement + 27 kg sand= 41.5 kg mortar.

**Application:** Apply the waterproofing mortar layer as soon as the waterproofing slurry layer is still wet.

**Consumption:** 1 liter of BestLatex R126 / 2m<sup>2</sup> / 1cm of thickness.

**Caution:** BestLatex R126 must always be used with cement, and should not be used alone as an independent adhesive agent. Sand must be clean, free of dust, and have a suitable size of particles. Do not use cement which is time over and slumping.

### Disclaimer:

The technical information and application instructions in documents of BESTMIX are based on BESTMIX's current knowledge and practical experience. The information here only describes the general nature of the product, so users should test the product for each purpose. BESTMIX has the right to change the features of our product, user must always refer to the latest technology product.