



BestLatex R114

Dec. 2017 Version

New to old concrete bonding and water-proofing agent

Description: BestLatex R114 is a modified Styrene Butadiene emulsion co-polymer used to mix with cement or sand-cement to increase adhesion, waterproofing, anti-corrosion for building surface.

BestLatex R114 is applicable for the following fields:**Areas of Application:**

- 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 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 R114 is an irreversible polymer emulsion, after application, BestLatex R114 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 contact with domestic water.
- Increase the intensity of the plaster.
- Suitable for making mortars and patches where thin finishing layers are required.

TECHNICAL DATA :

Chemical Origin: Modified Styrene-Butadiene Copolymer.

Aspect: White milky liquid

Density: 1.01 ± 0.02 kg/liter @ 25°C.

pH 7.0 ÷ 9.0 (@ 25 °C)

Storage Condition: Store in a dry, cool place, freeze-free area

Shelf Life: 12 months in original, unopened packaging

PHỤ GIA & HÓA CHẤT XÂY DỰNG BESTMIX® CONSTRUCTION CHEMICALS & ADMIXTURES
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Packaging: 1; 5; 25L/ can; 210 L/drum

Application:

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

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

For Waterproofing and old to new concrete bonding slurry:

Mixing ratio: 1L BestLatex R114 + 1L Water + 4 kg Cement = 3,3 L Slurry

Application: Pour the cement into the mixture BestLatex R114 and water (pre-quantified), 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 R114 is wet.

Consumption: 1 liter of BestLatex R114/ approx. 4m² applicable

For waterproofing mortar:

Mixing ratio: 1L BestLatex R114 + 3L water + 6,5 kg Cement + 19,5 kg sand= 30 kg mortar

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

Consumption: 1 liter of BestLatex R114 / 1.5m² / 1cm of thickness

Caution: BestLatex R114 must always be used with cement, should not be used alone as an independent adhesive agent.

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