



Hard-Latex-300

Bonding and waterproofing Admixture for Concrete and cementitious Surfaces.

Uses:

Hard-Latex-300 is Styrene Butadiene Rubber co polymer Liquid , specially formulated from selected polymers to form Special waterproofing feature for cementitious materials and bonding application for old and new non-reinforced concrete .

Hard-Latex-300 is Suitable for any kind of concrete and mortar in several ways , it is supplied as a white liquid, benefits can be simplified application benefits as below:

- Increases bonding to the substrate.
- Improves elasticity.
- Increases abrasion resistance.
- Makes mortars water impermeable.
- Eliminates shrinkage and prevents resulting cracks.
- Improves plasticity, water retention and workability of fresh mixtures.
- Improves resistance to chemicals and petroleum products.
- High Abrasion Resistance.

Field of Application

Hard-Latex-300 can be used in any cementitious and concrete applications such as:

- interior and exterior applications.
- In mortars, plasters and screed.
- In interior and exterior plasters of water tanks, pools and reinforced concrete silo.
- In mortars of stone, brick and floor tile for improving freeze-thaw stability.
- As adherence admixture in mortars prepared for repairs.
- As adherence and quality enhancer for water based emulsion paints.
- improving the water-repellent of joints in coverings of swimming pools



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Packaging: 1000 Kg IBC, 20 and 5 Kg Jerrycan

Technical Properties:

Color: White

Ph: 6-7

Density: 1.01-1.02

Application Procedure :

The application surface must be durable, dry, clean and clean off materials which prevent bonding, such as dust, oil, rust and remove loose pieces. Water leak on the surface must be drained or sealed by a suitable stopper. Application surface must be damp 12 hours before the application, but there must not be any free water left on the surface.

Consumption:

-As waterproofing , elasticity and other appearance enhancing additive :

- for cementitious materials : 1-2 kg of **Hard-Latex-300** with each 50 kg of any type Cement until reaching to the desired mixture elasticity and other appearance features.

- for water based water based emulsion paints:1-2 kg of **Hard-Latex-300** until reaching to the desired mixture elasticity and other appearance features.

-As Bonding Agent:

-Stir the **Hard-Latex-300** well and apply using brush, roller and spray on prepared surface. Subsequent material to be bonded should be placed while **Hard-Latex-300** is wet.

Compatibility:

Hard-Latex-300 can be used with all types of Portland cement and cement replacement materials wherever Hydration reaction will happen.



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Cleaning:

Hard-Latex-300 can be washed with fresh cold water.

Storage:

Hard-Latex-300 shelf life is 12 months if stored at temperatures between 2°C and 40°C in shaded area/s. If these conditions are exceeded, Hard Stone Technical Department should be contacted for advice.

Health and Safety:

Hard-Latex-300 is not classified as hazardous material. It should not meet eyes. In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly.

The information and technical data contained in this bulletin are based on our own most updated knowledge and experiences; however, they do not amount to a guarantee.

We always strongly recommend doing field tests trials to check the admixture performance with used Concrete Raw materials (Cement/Sand and Coarse aggregates and other materials).

Our Technical Department is at your disposal for further studies and will give its direct assistance with the use of our products, whenever needed.