



GBOND LA

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GBond LA is an SBR co-polymer based product, used in mortar and concrete as an admixture and bonding agent to increase water resistance and durability.

Value Added

GBond LA specially formulated to improve the concrete, cement based mortars, plasters, and slurries properties without being affected by the weather conditions, and also add flexibility to the mixtures and prevent surface cracks usually appear on traditional concrete, mortars and plasters.

Dosage, Mixing and Packing

- **GBond LA** is added to the mixing water of concrete and mortar mixtures, and could also be post added to concrete and cement based mixtures after mixing with water.

- Addition % is from 0.2- 2% to the weight of cement.

- Supplied in 5, 20, 150, or 1000 Kg. plastic packs

Properties

- Milky white, viscous liquid.
- Addition % from 0.2- 2 Kg. for every 100 Kg. OPC.
- Density : 1.1 Kg./ Lit
- PH: 8-9.
- Service Temperature: from -10° C to +60° C
- Does not contain any poisonous material and water based.
- Valid for 2 years in good storing conditions, and sealed packs.



GBond LA Features:

-  Excellent bond, flexural and tensile strength.
-  Extreme resistance to water and water vapor.
-  Good abrasion and chemical resistance.
-  Excellent bonding to asphalt.
-  Thin-screed which are water and water vapor proof.
-  Low water/cement ratio.
-  Easy to use in site.
-  Compatible with all types of cement.
-  Improved flexibility.
-  Increases durability and toughness.
-  Reduces shrinkage.
-  Prevent bleeding.
-  Excellent adhesion to glass, brick and wood.
-  Prolonged corrosion protection.
-  Can be used with potable water.
-  Similar thermal expansion and modulus properties of concrete and mortar.

Application Fields

- **Bonding agent in all cases of concrete and mortar repairs.**
- **As an additive to cement and Gypsum based putties.**
- **Additive in cases of coloured floor covering stamped, and stencilled.**
- **Could be used with concrete (after site trails) to obtain waterproofing concrete.**
- **In plastering jobs for coastal areas and in bad weather buildings.**
- **Crack free surface plaster and repair jobs.**
- **Additive for ready to use tile fixing mortars in swimming pools and water retaining areas.**
- **Added to angle fillet mortar for waterproofing jobs.**

Cleaning:

- **Any remains or spillage of GBond LA can be removed with Water.**

Health and Safety:

- **GBond LA is neither a toxic nor flammable product.**
- **In case of contact with eye wash with plenty of water and ask for medical assistance.**

Components:

- The latest Styrene ButaDiene based polymer specially designed and manufactured for cement and is resistant to UV, and severe weather conditions.
- Special plasticiser is added to ensure good and homogenous mixing with cement based mortars, plasters, and slurries.
- Very strong biocide is added to ensure long, and effective storage period.



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