

King-Bond Latex-99 (concentrated)

KB-LATEX99
1, 4 & 18 Litre



Description

King-Bond Latex 99 concentrated is a cement modifier based on styrene and butadiene. This product is specially formulated using state-of-the-art technology from Germany to provide high standard of mechanical strength. When added into cement and mortar, it will permeate into the gap between cement and aggregate, that will create finer texture in cement and mortar and further enhance waterproofing and durability for the cement. Besides, it also protects concrete from the osmosis of water and to avoid the corrosion of reinforcement and aging of the cement. Latex-99 improves the flow properties, workability, adhesion of the cement and mortar.

Usage

Kingbond Latex 99 is a high quality emulsion that substantially improves the qualities of cement mortars such as:

- Tile fixing mortar.
- Renders
- Concrete repair mortar.
- Floor screed.
- Wall plaster thin layer patching mortar.
- New and old concrete bonding agent.
- Potable water tanks.
- RC gutter.
- Bathroom floor and wall.
- Basement.
- Terraces and balconies.

Colours

Milky solutions

Product Data

- Composition

Composition	Description
Binder	Styrene Butadiene Rubber
Diluent	Water

- Properties

Properties	Description
Solid By Volume	< 50 %
Density	1.02

Application Instruction

Mixing

Shake well before use. It can be diluted with water with ratio 1 : 6 . Add diluted King-Bond Latex-99 directly to fresh cement to create a soft creamy bonding agent. To improve renders, plasters, repair materials, tiling adhesives, etc. add King-Bond Latex-99 directly to the mix.

Cleaning of Tools

Clean all tools and application equipment with water immediately after use. Hardened/ cured material can only be removed mechanically.

Cleaning of Tools

- Renderings and floor toppings should be allowed to cure correctly.
- Avoid excessive air-entrainment through over mixing.
- Never use Kingbond Latex 99 as a bonding agent – always add cement or sand.

Surface Preparation

Surface must be sound, clean, dry and free from all defective or poorly adhering material, dirt, grease and wax.

Storage Condition

Store in unopened and undamaged packaging in dry condition. Protect from direct sunlight.

Shell Life

12 months when unopened in original condition packaging and stored in dry cool place.

Composition / Information on Ingredients

Component	% by wt
Emulsion Polymer	< 50%
Pigment	-
Additive	< 1%
Water	<50%

Hazard Identification

Not classified

First Aid Measures

Eye Contact :

Spashes in the eye must be washed out immediately with clean water for several minutes. Seek for medical attention.

Skin Contact :

The skin should be washed with water before the emulsion dries, contaminated clothing must be removed to avoid discomfort from adhering paint. Some dried paint films that cannot be washed off the dried paint can be removed with skin cleanser. SOLVENTS MUST NOT BE USED.

Inhalation :

Discomfort due to the vapours of the residual monomer etc is unlikely to occur, but can easily be relieved by breathing fresh air.

Physical And Chemical Properties

Appearance / Colour	: Viscous liquid
Percentage Of Non-volatiles	: <50%
Specific Gravity @ 25oc	: 1.02
*boiling Point	: 100 oC
*melting Point	: 0 oC
*vapour Pressure (Air = 1)	: >1
*vapour Density (101.3 Kpa / Air = 1)	: >1
Evaporation Rate (N – Butyl Ether = 1)	: <1
Solubility	: Soluble in water
Odour	: Mild
*properties of water	

Fire Fighting Measures

Suitable Fire Extinguishing Media :

The emulsion will not burn until water has evaporated for residual solid : Use water spray, carbon dioxide, dry chemical, alcohol-type or universal-type foams applied by manufacturers recommended techniques.

Special Protective Actions For Fire Fighters :

No special fire fighting arrangements are necessary.

Specific Hazards Arising From The Chemical :

Non combustible. Not considered a significant fire risk, however containers may burn.

Accidental Release Measures

Eye /skin protection :

Where there is potential for eye contact, wear chemical goggles and have eye flushing equipment immediately available. Wear appropriate protective clothing and chemical resistant gloves to prevent skin contact. Wear a face shield and chemical resistant clothing such as rubber apron when splashing is likely.

Respiratory Protection :

Not required.

Ventilation :

General room ventilation is expected to be satisfactory.

Environment Precaution :

Although leakages/ spillages present little hazards, in the interests of preventing slippery or dangerous surfaces, they should be dealt with as soon as possible. Major spills should be collected for disposal. Minor spills may be flushed to a sewer if local regulations permit.

Methods and materials for containment and clean up

Contain spills immediately with inert materials(eg: sand, earth). Transfer liquids and solid material to separate suitable containers for recovery or disposal.

Handling and storage

Avoid smoking and use of open fire. Avoid breathing vapours. Store in tightly closed original container in well-ventilated area. Avoid expose to direct sunlight.

Exposure Controls / Personal Protection

Respiratory Protection	:	Use approved respiratory protection such as air supplied mask if used in enclosed spaces.
Ventilation	:	Sufficient ventilation should be provided during application.
Protective Gloves	:	Chemically resistant gloves
Eye Protection	:	Chemical splash-proof goggles or face shield

Stability and Reactivity

Conditions To Avoid	:	Heat, flame , sparks.
(Materials To Avoid)	:	Nitric acid, sulfuric acid, strong oxidizing agents.
Decomposition Products	:	Under normal conditions of storage and use, hazardous decompositions products should not be produced.

Toxicological Information

There is no data available on the product itself.

Ecological Information

No ecological studies have been carried out on this product.

Disposal Considerations

Waste Disposal :

Recover or recycle if possible. Otherwise dispose in accordance with all applicable with all applicable national environment laws and regulations.

Product Disposal:

This product when dispose of in its unused and uncontaminated state should be treated as a hazardous waste.

Container Disposal :

Drain container thoroughly. Rinse three times with suitable solvent. Treat rinsing as for product disposal. After draining, vent in a safe place away from sparks and fire. Send drum recoverer or metal reclaimer. Residue may cause an explosion hazard. Do not pincture, cut or weld uncleaned drums. Keep container labelled until cleaned and then remove or deface labels.

Transport information

Road (Adr)	:	Not Regulated
Rail (Rid)	:	Not Regulated
Air (Icao/iata)	:	Not Regulated
Sea (Imo/imdg)	:	Not Regulated

Regulatory Information

Regulatory information in country or region with regards to this product should be observed.

Other Information

All information appearing herein is based on our present state of our knowledge. However the information in this MSDS may not be valid for such material used in combination with any other materials or in any process. No representation, warranty or guarantee is made as to its accuracy, reliability or completeness. We do not accept liability for any loss or damage that may occur from the use of this information.

Company Identification

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