

PRODUCT DATA SHEET

SikaLatex[®] Power

MULTIPURPOSE POLYMER FOR WATERPROOFING AND REPAIR

DESCRIPTION

SikaLatex[®] Power is a synthetic rubber emulsion which when added to cement slurry/ cement mortar/concrete/grout provides good adhesion and water resistance. It comes in the form of a milky liquid. It is fully soluble in water and is to be added directly to the gauging water of mortar/concrete/ cementitious grout.

USES

- For waterproofing of roof slabs, sunken slabs, basements, water tanks, sunshades etc. in combination with cement
- As a bonding agent for uses in repair and plastering
- For making polymer mortar for repairs mortars etc.
- Treatment for leaching and saltpetre action
- Multipurpose mortar admixture for injection grouts

CHARACTERISTICS / ADVANTAGES

- Improves elasticity, flexibility, tensile strength of cement and reduces cracking
- Makes the mortar waterproof and reduces susceptibility to acids and gases, salt petre action etc.
- Mortar with Sika[®] Latex Power shows extremely good bonding to bases like concrete, stone, brick etc.
- Reduces viscosity of cement injection grout and improves bond of cured injected materials with substrates
- Sika[®] Latex Power can be diluted with water (1 : 4 - 6) depending on the type of application
- Screed required with Sikacim[®]/ Sika[®] Plastocrete Super to protect waterproofing layer
- Standard coating system can be further reinforced by placing Sika[®]Fab1 fabric layer in between 1st and the 2nd coat.

PRODUCT INFORMATION

Chemical Base	Styrene butadiene rubber emulsion.
Packaging	250g, 500g, 1kg, 5kg, 10kg & 20kg
Appearance / Colour	White (Milky) Liquid
Shelf Life	18 months from date of production if stored properly in original, unopened and undamaged sealed pack.
Storage Conditions	Store in dry conditions. Protect from moisture and direct sunlight.
Density	~ 1.02 kg/l at 27 °C

Dilute SikaLatex® Power with water in the proportion of 1: 6 by volume. Prepare the mortar with this gauging water. Cured plaster with SikaLatex® Power would harden faster and would be watertight. This type of polymer mortar should be used for all repair jobs for optimum performance.

Bonding Successive Concrete Casts

Wash the surface with high pressure jet. Prepare a pasty mortar with SikaLatex® Power: Water = 1: 4 by volume. Apply this mortar onto the surface in a layer of 20-30 mm thickness. Pour fresh concrete after about an hour. When used as a bonding agent between subsequent layers of plaster the same procedure is to be adopted.

Polymer Modified Cement Grout for Injection

Open the crack lines into V or U groove and fix galvanised iron nozzles spaced at regular intervals of 0.5 to 1.5 mm c/c along groove length with Sika®- 2 / Sika®- 4a mortar or Sikadur®-31. Prepare a cement grout slurry admixed with SikaLatex® Power at a dilution rate of 1: 6-8 by volume with water. Inject the fluid as per normal practice.

CLEANING OF TOOLS

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

FURTHER DOCUMENTS

Avoid application in direct sun and/or strong wind. Apply only to sound, prepared substrates. Do not exceed maximum layer thickness. For waterproofing or damp proofing application, always use at least 2 coats. In areas of severe water penetration, three coats might be required.

Protect freshly applied material from rain etc. Curing Treatment will be for 3-5 days with wet burlap/gunny bag/ hessian cloth. Not to be ponded with water.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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Product Data Sheet
SikaLatex® Power
September 2019, Version 01.01
020301010010000161

SikaLatexPower-en-IN-(09-2019)-1-1.pdf