

SikaLatex®

Acrylic latex bonding agent and admixture for portland-cement mortar and concrete

Description	SikaLatex is an acrylic-polymer latex. It is a non-reemulsifiable, general-purpose bonding agent and an admixture to produce polymer-modified concrete and mortar.
Where to Use	<ul style="list-style-type: none"> ■ An admixture in mortar and concrete to improve adhesion, and achieve a denser surface. ■ Use in patching and parge or leveling coats. Use with stucco and terrazzo. ■ As a bonding adhesive in an undiluted form or as a bonding grout when mixed with sand and portland cement.
Advantages	<ul style="list-style-type: none"> ■ Mortar and concrete containing SikaLatex exhibit improved adhesion to prepared substrates. ■ Increased adhesive strength of mortar/concrete when used as a bonding agent or as a bonding grout. ■ Increases resistance to freeze/thaw cycling. ■ Does not produce a vapor barrier. ■ USDA-approved.
Dosage	4 gal./sack of cement.
Packaging	1 gal. jug, 4/case; 5 gal. pails; 55 gal. drums.

Typical Data (Material and curing conditions @73°F (23°C) and 50% R.H.)

Shelf Life	2 years.
Storage Conditions	Store dry at 40°- 95°F (4°- 35°C). Condition material to 65°- 75°F before using. Protect from freezing. If frozen, discard.
Color	Milky-white.
Bond Strength (ASTM C-882)	

Slurry, scrub coat - (2 parts sand, 1 part cement. SikaLatex added to produce a creamy consistency)

Plastic Concrete to Hardened Concrete (slurry, scrub coat)

7 day 950 psi (6.5 MPa)

Primer - Plastic Concrete to Hardened Concrete

7 day 1,200 psi (8.2 MPa)

How to Use

Surface Preparation Surface must be clean and sound. Remove dust, laitance, grease, curing compounds, impregnations, waxes, foreign particles and disintegrated materials. Preparation work should be done by mechanical means such as chipping or sandblasting. Dampen surface with clean water...substrate should be saturated surface dry (SSD) with no standing water during applications.

Mixing Procedure - As an admixture - With mixer running, add materials in the following order: SikaLatex solution, aggregate, cement. Add more SikaLatex solution if required.



As a primer - Dilute 1:1 with water.

As a bonding agent - Add 1 part cement, 2 parts sand, and a sufficient amount of undiluted SikaLatex to produce a creamy paint consistency. Maximum 4 gals./sack of cement.

Application	<p>Primer (for acrylic coatings only) - Apply diluted SikaLatex to prepared concrete substrate using brushes, rollers, soft brooms, or spray. SikaLatex must be tack-free (film formation) prior to coating. Estimated coverage on a CSP-3 prepared surface is 300 sq. ft./gal.</p> <p>SikaLatex primer may be applied up to 24 hours ahead providing the area is kept dry and clean. Very porous concrete may require a second coat of SikaLatex to seal the surface.</p> <p>Bonding Agent - Brush slurry into area to be resurfaced with stiff-bristled broom or scrub brush. Be sure entire surface and all edges are coated. Apply topping immediately over scrub coat before the bonding slurry dries.</p> <p>Admixture - Immediately trowel SikaLatex mortar or concrete mixes applied in areas to be patched. Do not over-finish. As soon as finish will resist damage, cure with damp burlap and/or white pigmented polyethylene film. Curing should continue for 24 hours.</p> <p>Pre-testing is recommended when adding SikaLatex to a specific mix design to assure proper results are obtained.</p>
Limitations	<ul style="list-style-type: none"> ■ Minimum application temperature 40°F. ■ Toppings must be applied immediately over SikaLatex bonding grout. ■ Discard material if frozen. ■ Avoid over-working or over-finishing surface. ■ Do not apply solvents or solvent-based curing compounds to SikaLatex mortar/concrete. ■ Do not use air-entraining cements when used as an admixture. ■ Do not use for overlays. ■ As with all cement based materials, avoid contact with aluminum to prevent adverse chemical reaction and possible product failure. Insulate potential areas of contact by coating aluminum bars, rails, posts etc. with an appropriate epoxy such as Sikadur Hi-Mod 32.
Caution	
Irritant	Avoid breathing vapors. Use with adequate ventilation. Avoid skin and eye contact. Safety goggles, rubber gloves and an approved NIOSH organic vapor respirator are recommended.
First Aid	In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water for at least 15 minutes, and contact a physician. For respiratory problems, remove person to fresh air. Remove contaminated clothing. Wash clothing before re-use.
Clean Up	In case of spillage, collect with absorbent material, ventilate closed areas, and dispose of in accordance with current applicable local, state, and federal regulations. Keep container tightly closed and in an upright position to prevent spillage and

KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL USE ONLY

Sika warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current technical data sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor.

NO OTHER WARRANTIES EXPRESSED OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES.

Visit our website at www.sikausa.com

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