

PRODUCT DATA SHEET

SikaLatex[®]-751

(formerly Davco[®] 751 Latex)

BONDING AGENT



DESCRIPTION

SikaLatex[®]-751 is a synthetic resin emulsion which significantly improves the performance of mortar and concrete.

USES

- Bonding agent for cementitious floor screed and polymer modified repair mortar.
- Bonding additive for slurry scratch coats/key coats.
- Added to thick and thin bed render on screed to increase flexural and compressive strength.
- As an additive to improve water resistance of mortar and prevent rapid hydration.

CHARACTERISTICS / ADVANTAGES

- Provide good adhesion.
- Non-toxic.
- Do not contain metal attacking elements.
- Readily fills voids in sandwiched applications.
- Prevents rapid hydration of mortar.
- Reduces cracking of mortar.
- Better water resistance.

APPROVALS / STANDARDS

Singapore Green Building Product (Excellent) Cert. No. SGBP 4321

PRODUCT INFORMATION

Packaging	<ul style="list-style-type: none"> ▪ 20 ltr/pail ▪ 208 ltr/drum.
Colour	Milky White
Shelf Life	12 months from manufacture date
Storage Conditions	Store properly in original, unopened and undamaged sealed packaging in dry conditions. Protect from direct sunlight.

TECHNICAL INFORMATION

Shear Strength	Slant shear bond strength (N/mm²)		(ASTM C1042 : 1999)
	Type I	≥ 2.8	
	Type II	≥ 8.7	

APPLICATION INFORMATION

Consumption	1 ltr covers approximately 5 - 10 m ² . Surface texture and site conditions can alter the coverage of any particular installation.
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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.

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 Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be free from dust, grease, paint or loose materials. If used as a bonding aid to receive polymer modified repair mortar, prepare the substrate by removing existing loose or damaged concrete by mechanical means, including hacking around the surrounding of corroded reinforcing steel to expose the corroded steel. Remove loose debris using compressed air or wire brushing technique. Clean the surface before applying SikaLatex®-751.

APPLICATION

Bonding agent

Spread evenly on concrete or other surfaces using brush or roller to form a bonding agent to bond polymer modified repair mortar. Reapplication of SikaLatex®-751 is necessary if the product has completely dried out before placing the repair mortar. When bonding to porous surfaces, apply a first coat consisting of 1 part SikaLatex®-751 to 2 parts water to reduce suction, following by a second coat of neat SikaLatex®-751. For non-porous surface, apply only second coat, wait till tacky or not more than 1 hour before application of mortar or render.

Slurry Scratch Coats / Key Coat

SikaLatex®-751 can be mixed with renders, screed, cement, etc. to form slurry key coats for screeding and plastering. Refer to respective product data sheets & method statements for recommendations.

CLEANING OF TOOLS

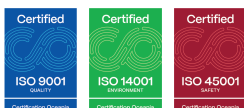
SikaLatex®-751 can be cleaned using water before product sets.

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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