

PRODUCT DATA SHEET

SikaLatex[®]-1000(formerly Davco[®] 1000)

PREMIUM QUALITY BONDING AGENT AND MORTAR ADDITIVE



DESCRIPTION

SikaLatex[®]-1000 is a high performance, water-based, synthetic resin emulsion which significantly improves the performance of renders, tile adhesives, screeds and many types of cementitious mortars.

USES

- Bonding bridge for plasters, renders, mortars, etc.
- Key coat or spatterdash for plastering works
- As bonding agent of the repair mortar system
- As additive to floor screeds, plasters, non-shrink grouts, etc.

CHARACTERISTICS / ADVANTAGES

- Water-based and low VOC
- Bonds mortar and concrete, even on smooth substrates
- Increases resistance to oil, grease, fuel and diluted acids
- Improves mortar resistance to tension and abrasion
- Increases water resistance of mortar
- Reduces shrinkage, crazing and chalking

APPROVALS / STANDARDS

Singapore Green Building Product (Excellent) Cert. No. SGBP 4083

PRODUCT INFORMATION

Packaging	▪ 20 ltr ▪ 208 ltr
Appearance / Colour	White milky liquid
Shelf Life	12 months from the date of production
Storage Conditions	Store properly in original, unopened and undamaged sealed packaging in dry conditions. Keep away from direct sunlight and frost.

TECHNICAL INFORMATION

Shear Strength	Slant shear bond strength	
	Type I	≥ 3.0
	Type II	≥ 9.0

(ASTM C1042 : 1999)

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.

IMPORTANT CONSIDERATIONS

- Shake the product container well before use.
- Store the product in frost-free conditions.
- In case of accidental exposure to frost, maintain the product at 20°C and shake well to ensure even distribution.
- The product can be handled without danger.
- Ensure that the recommended dosage is compliant with professional regulations in force for the relevant structures.

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

The substrate must be clean, sound, dust-free and without any traces of oil, laitance, curing compound or paint.

Improved performance of concrete and mortar.

- Use the SikaLatex®-1000 solution in place of water.
For bonding and plaster, SikaLatex®-1000 is used in a 1:2 water solution.

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.

Sika (Singapore) Pte Ltd.

28 Tuas South Ave 8

Singapore 637648

Phone: +65 6861 0632

Fax: +65 6862 3915

Email: sales@sg.sika.com

www.sika.com.sg



Product Data Sheet

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