



Davco

1000 LATEX

PREMIUM BONDING AGENT



ECO FRIENDLY



HIGH PERFORMANCE



INCREASE BOND STRENGTH

DESCRIPTION

Davco 1000 Latex is a high performance, environmentally friendly water based, synthetic resin emulsion which significantly improves the performance of tile adhesives and mortar.

USES

- Scratch coats.
- Cement-based coats or lime plaster finishes.
- Waterproof coats for shaft linings, reservoirs, retention tanks and swimming pools.
- Bonding and waterproofing of plaster coats.
- Cast cement screed, without need for picking up.
- Built-in screed.
- Admixed screed for tiled flooring.
- Rendering and reshaping mortar.
- Bridging mortar for construction joints.
- Mortar for laying prefabricated elements.
- Pointing and caulking mortar for a variety of joints - masonry, chimney stacks, flashing.
- Repairs to concrete flooring.

CHARACTERISTICS

- Bonds mortar and concrete, even on smooth substrates.
- Waterproofs mortar and increases resistance to oil, grease, fuel and diluted acids.
- Reduces the modulus of elasticity and improves mortar resistance to tension, abrasion and impact.
- Enables the creation of structures intended to be in contact with water and sea water (using a suitable cement).
- Reduces shrinking, crazing and chalking.
- Mortar containing Davco 1000 Latex is safe and completely harmless and can be used with foodstuffs.

TECHNICAL DATA

Appearance : White milky liquid

Solid content : 44.4
ISO 124 : 2014

Slant shear bond strength : Type I 3.0
@ 14 days [N/mm²] : Type II 9.1
ASTM C1042 : 1999

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

INSTRUCTION

Substrate preparation

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

- Scratch coats for traditional or ready-to-use coatings
- Mix 1 part cement with 1 part rough 0-3mm sand.
 - Mix with Davco 1000 Latex solution until a creamy consistency is obtained.
 - Apply a firm scratch coat to a damp substrate, smooth the grain.
 - Leave to harden before applying the finishing coat.

- Scratch slurries for screed and concrete
- Mix 1 part cement with 1 part rough 0-3mm sand.
 - Mix with Davco 1000 Latex solution until a creamy consistency is obtained.
 - Apply by brush or trowel to a damp substrate.
 - Apply the screed or concrete to the damp slurry.

Waterproofing and improved performance of concrete and mortar.

- Use the Davco 1000 Latex solution in place of water. For bonding and waterproofing plaster, Davco 1000 Premium Latex is used in a 1:2 water solution.



BUILDING TRUST





1000 LATEX

COVERAGE

1 litre covers approximately 5-10m². Surface texture and site conditions can alter the coverage of any particular installation.

PACKAGING

5 litres, 20 litres & 208 litres

STORAGE

12 months from date of manufacture if stored in unopened original packing in dry, frost-free conditions.

RECOMMENDATIONS

- 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.
- Refer to safety data sheet.

Disclaimer

The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice. Before application, customers and users are requested to check that they have the latest version of this document from our website www.sika.com.sg

Sika (Singapore) Pte Ltd.

28 Tuas South Avenue 8 Singapore 637648

Tel: (65) 6861 0632 • Fax: (65) 6862 1172

Email: sales@sg.sika.com

Website: www.sika.com.sg

Online Store: davco-online.com.sg



Certificate SG09/02195



Certificate SG95/06111



Certificate SG09/50075



Certificate GMS-C / GHG / 0002



Updated TM63 Jun 2019

