PRODUCT DATA SHEET

SikaLatex®-88 Reno

(formerly Davco® DW 1)

MORTAR ADDITIVE FOR TILE ADHESIVE & TILE GROUT, BONDING AGENT, INJECTION POLYMER, SEALER, HARDENER & WATERPROOFER

DESCRIPTION

SikaLatex®-88 Reno is a latex-based additive that enhances the strength and flexibility of cement-based mortars. It is ideal for tile installations, including ceramic, marble, slate, and natural stone, on various surfaces such as concrete, rendered brickwork, or existing tiles.

USES

- SikaLatex®-88 Reno can be used as an additive to cement-sand mix and tile adhesives for fixing ceramic tiles, pavers, marble, slate and natural stone onto concrete, blockwork and rendered brickwork surfaces.
- Can be mixed with sand and cement or mortar as a keycoat or spatterdash to create a strong bond for rendering or laying tiles over uneven concrete surfaces.
- Suitable to be used as an additive to strengthen cementitious mortars such as renders, screeds, etc.
- Good as an additive for colour tile grouts to increase bonding and water resistance.

- Ideal as strengthening additive when added to cement-sand mix for tiling over existing tiles.
- Suitable for injection repairs of hollow plaster and floor screed to restore bond and integrity.

CHARACTERISTICS / ADVANTAGES

- Enhanced flexural strength (> 10 MPa) which increase flexibility in the bond coat thereby reduces cracking, spalling, etc particularly in installations subject to vibration.
- Improved tensile and compressive strength (> 50 MPa) which permits even heavy duty installations to be set with confidence.
- Better bonding strength approximately 3 times (> 0.3 MPa). Good for laying marble, granites and homogeneous tiles.
- Improved durability, flowability, water & chemical resistance especially in steel reinforced concrete structures.

PRODUCT INFORMATION

Packaging	20 ltr
Colour	Milky
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.
Density	1.00 ± 0.02 kg/m³
pH-Value	9.5 Alkaline
Solid Content	49% ± 3%

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.

LIMITATIONS OF USE

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ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet.Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w)

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be structurally sound, dry, clean and free from movement, oil, grease, wax, curing compounds and other loose contaminants.
Painted surfaces should be scabbled to expose at least 80% of the original substrate.
New concrete surfaces must be allowed to cure for 28 days.
Rendered surfaces must be allowed to cure for at least 7 days.
Old concrete and rendered surfaces must be thoroughly cleaned prior to using SikaLatex®-88 Reno.
Ensure release agents are removed from all surfaces to receive SikaLatex®-88 Reno.

APPLICATION

Primer
SikaLatex®-88 Reno can be diluted with water up to 1:1 ratio and applied to clean floor with roller. Coverage strongly depends on porosity of substrate.

Bond strength enhancer
Mix diluted SikaLatex®-88 Reno (1:1 ratio by volume) with SikaCeram®-88 Reno tile adhesive.

Slurry coat
Mix 1 part portland cement, 1 part sand and 1 part neat SikaLatex®-88 Reno.

Thin setting adhesive
Mix 1 part of cement, 1 part of sand, and 1 part of neat SikaLatex®-88 Reno. Fine sand of < 0.5 mm diameter should be used.

Grouting
Apply the tile grout 24 hours after the tiles have been applied. The tiled area can be open for use 24 hours after tile grouting is completed.

CLEANING OF TOOLS

Clean all tools and equipment with water.

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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