

Technical Data Sheet
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SikaLatex®

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Bonding Agent

Description A synthetic rubber emulsion for addition to cement mortars where good adhesion and water resistance are required.

Use SikaLatex is a high quality emulsion which substantially increases the qualities of cement mortars, such as :

- Thin layer patching mortars
- Rendering
- Floor screeds.
- Concrete repair mortars.
- Abrasion resistant linings.
- Tile fixing mortars.
- Masonry mortars.
- Bonding agent between old and new concrete.

Advantages SikaLatex is simply added to the mixing water to provide the following beneficial properties :

- Excellent adhesion
- Reduced shrinkage.
- Greater elasticity.
- Excellent water resistance.
- Increased abrasion resistance.
- Improved chemical resistance.
- Non-toxic.

Notes: SikaLatex does not re-emulsify, even in highly alkaline conditions

Dosage Added to the mixing water within the range 1 : 1 – 1 : 4 depending on application. Consumption figures are given in the table.

		Latex : water							
		1:1		1:2		1:3		1:4	
Cement : sand	W/C Ratio	0.5	0.8	0.5	0.8	0.5	0.8	0.5	0.8
	1:1	2.3	3.0	1.5	2.1	1.1	1.5	0.9	1.2
	1:2	1.4	1.9	0.9	1.3	0.7	1.0	0.6	0.8
	1:3	1.1	1.5	0.7	1.0	0.5	0.8	0.4	0.6

Consumption of SikaLatex in kg/m² per cm thickness



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Instructions for Use

Surface Preparation

Concrete surfaces should be clean, sound and free from oil, grease, cement laitance and all loosely adhering particles.
Absorbent surfaces should be saturated thoroughly

Aggregates should be well-graded and thoroughly washed.
Sand particle sizes should correspond to thickness of mortar to be applied and required surface finish.

Thickness	Sand Size
5 – 15 mm	0 – 3.0 mm
Over 15 mm	0 – 7.0 mm.

Application

For all applications a bonding coat of SikaLatex – water 1 : 1 mixed with cement and/or sand should be brushed into the prepared surface.
Subsequent mortar application must be carried out whilst the bonding coat is still wet.

Special Notes

Renderings, floor toppings should be allowed to cure correctly.
Avoid excessive air-entrainment through over-mixing
Do not use Sika-Latex as a bonding agent without adding cement.

Technical Data

Type	Styrene Butadiene Liquid
Colour	White
Specific Gravity	Approx. 1.01 kg / ltr
Storage	Dry, cool, shaded place
Shelf Life	1 years if stored in unopened original container
Packaging	20 kg can 200 kg drum

Handling Precautions:

- Avoid contact with skin and eyes
- Wear protective gloves and eye protection during work
- If skin contact occurs, wash skin thoroughly.
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.

Legal Notes

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