

# PRODUCT DATA SHEET

## SikaMur® Color E

WATER BASED SILOXANIC COLOURED PAINT FOR CONVENTIONAL PLASTER, BREATHABLE PLASTER AND CONCRETE

### DESCRIPTION

SikaMur® Color E is a one component water-based paint containing minerals and acryl siloxanic resin, especially suitable for breathable and decorative painting of conventional or breathable plasters and concrete.

### USES

SikaMur® Color E is especially suitable as decorative and protective paint for breathable plasters, such as SikaMur® plasters or lime and cement-lime based existing plasters, ensuring enhancement of aesthetic appearance, optimum water-repellent effect and outstanding water vapour permeability.

### CHARACTERISTICS / ADVANTAGES

- Available in many mat pastel colours
- Optimum water vapour transpirability
- Excellent water repellence
- Enhances the aesthetic appearance
- Easy application
- High UV resistance

### SUSTAINABILITY

- Conformity with LEED v4 MRc 2 (Option 1): Building Product Disclosure and Optimization – Environmental Product Declarations

### PRODUCT INFORMATION

<b>Composition</b>	Water dispersed paint based on acryl siloxanic resins	
<b>Packaging</b>	SikaMur® Color E E Primer:	10 L pails
	SikaMur® Color E:	20 kg pails
<b>Shelf life</b>	24 months from date of production for both products	
<b>Storage conditions</b>	The product must be stored properly in original, unopened and undamaged sealed packaging, protected from frost, at temperatures between +5°C and +20°C.	
<b>Density</b>	SikaMur® Color E Primer	1.0 ± 0.05 kg/L
	SikaMur® Color E	1.6 ± 0.05 kg/L

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## TECHNICAL INFORMATION

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Permeability to Water Vapour	SikaMur® Color E Primer:	$S_D \sim 0.001 \text{ m}$	
	SikaMur® Color E:	$S_D \sim 0.029 \text{ m}$ (2 layers)	(DIN 50014)
	SikaMur® system:	$S_D \sim 0.375 \text{ m}$	(UNI 9233)

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## APPLICATION INFORMATION

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Consumption	SikaMur® Color E Primer:	0.15-0.20 L/m <sup>2</sup> , highly affected by substrate porosity
	SikaMur® Color E	0.20-0.25 kg/m <sup>2</sup> per layer

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## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

The existing plaster must be dry, cured, clean, free from dust, loose particles.

Old paints must be completely removed, especially if applied on breathable plasters, in order to allow plaster and paint breathability on the entire surface. Before applying SikaMur® Color E, it is recommended to prime the substrate with SikaMur® Color E Primer, based on water dispersed acryl siloxanic resins.

### MIXING

Open the pails of SikaMur® Color E and of SikaMur® Color E Primer and make content homogeneous. SikaMur® Color E Primer doesn't need any dilution prior to application.

SikaMur® Color E must be diluted with 10-20% by weight of water.

### APPLICATION

Apply one coat of SikaMur® Color E Primer by roller, taking care to thoroughly impregnate the substrate. Allow the priming coat to dry up, next apply two SikaMur® Color E coats by roller, brush or spray. Wait 6 hours before applying SikaMur® Color E on SikaMur® Color E Primer.

Wait 4-6 hours before applying SikaMur® Color E on SikaMur® Color E.

Complete drying is achieved after 24 hours.

### CLEANING OF EQUIPMENT

Removal of fresh remnants from tools and application equipment can be carried out using water immediately after use. Hardened material can only be mechanically removed.

## IMPORTANT CONSIDERATIONS

Products should not be applied in very sunny or windy days, or when rain or frost are imminent.

During application protect glass, metal and ceramic details.

Since it is recommended to dilute SikaMur® Color E with water, the dilution ratios provided for in this Product Data Sheet must be complied with. Excessive dilution involves reduced protection of the substrate. SikaMur® Color E cannot protect substrates from carbonation phenomenon.

## 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.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## 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.

## 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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