

# PRODUCT DATA SHEET

## SikaDecor®-803 Nature

### LEVELLING LAYER FOR SIKADecor®-801 NATURE ON WALLS

#### PRODUCT DESCRIPTION

Two components polymer modified mortar, based on portland cement, selected aggregates and admixtures, for levelling walls before application of SikaDecor®-801 Nature.

#### USES

Surface regularization and reprofiling before SikaDecor®-801 Nature on:

- Cementitious concrete and mortar
- Bricks
- Floors and walls with prepared old ceramic coatings

#### CHARACTERISTICS / ADVANTAGES

- Predosed
- Easy to apply
- Low shrinkage

#### PRODUCT INFORMATION

<b>Chemical Base</b>	Polymer modified cementitious mortar	
<b>Packaging</b>	Part A:	5.0 kg canister
	Part B:	25.0 kg bag
	Part A + B:	30.0 kg predosed units
<b>Appearance / Colour</b>	Part A:	Milky liquid
	Part B:	White Powder
<b>Shelf Life</b>	12 months from date of production if stored properly in undamaged original sealed packaging.	
<b>Storage Conditions</b>	Storage temperature between +5 °C and +30 °C. Protect from freezing. Store in dry conditions.	
<b>Density</b>	Fresh product:	~ 2.0 kg/l

## SYSTEM INFORMATION

### System Structure

#### Sika® EmotionFloor on walls

Coating System	Product	Consumption
Primer (cementitious surface):	SikaTop®-10	~ 0.2 - 0.5 kg/m <sup>2</sup>
Primer (gypsum surface):	SikaTop®-50	~ 0.2 - 0.5 kg/m <sup>2</sup>
Levelling <sup>1)</sup> :	SikaDecor®-803 Nature	~ 2.0 kg/m <sup>2</sup> /mm
Decorative layer:	2 - 3 x SikaDecor®-801 Nature	~ 0.35 - 0.45 kg/m <sup>2</sup> /layer
1 <sup>st</sup> sealer:	Sikafloor®-304 W + 20 % water	~ 0.1 kg/m <sup>2</sup>
2 <sup>nd</sup> sealer:	Sikafloor®-304 W + 5 - 10 % water	~ 0.1 kg/m <sup>2</sup>

<sup>1)</sup> On gypsum or smooth surface no levelling is necessary. But the consumption of the 1<sup>st</sup> layer SikaDecor®-803 Nature increases up to 1.5 kg/m<sup>2</sup>.

These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.

## APPLICATION INFORMATION

Mixing Ratio	Part A : B = 5 kg : 25 kg	
Consumption	~ 2.0 kg/m <sup>2</sup> /mm	
Ambient Air Temperature	Min. +8 °C, max. +30 °C	
Substrate Temperature	Min. +8 °C, max. +30 °C	
Waiting Time / Overcoating	Grindable after:	~ 5 - 8 hours (+23 °C), depending on relative air humidity. Grindable as soon as SikaDecor®-803 Nature is hard enough.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

The substrate must be free from dust, loose material, surface contamination such as oil, grease, old coatings. Use an appropriate primer.

If applied on old ceramic tiles, these must be well adhered to substrate and grinded.

Make a trial in case of doubt.

### MIXING

Stir part A (white liquid) until it is homogeneous. Pour into a suitable container and add part B (powder) gradually, while stirring with electrical stirrer. Mix during at least 3 minutes, until the mix is homogenous and without lumps.

A low speed electrical stirrer is recommended (~ 300 rpm).

### APPLICATION

Apply the mixed SikaDecor®-803 Nature onto the substrate with a trowel to the desired thickness.

Make sure that the used primer (SikaTop®-10, SikaTop®-50) is still tacky when reprofiling mortar is applied ("wet on wet").

Application of mortar must be done pressing thoroughly onto the substrate. Once the product is

hardened, surface grinding is possible.

### CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened material can only be mechanically removed.

### LIMITATIONS

During application and curing process, temperature must stay above +8 °C.

Apply only on sound, prepared substrates.

Do not add additional water while smoothing the finished surface, as this can cause decolouration and cracking.

Protect applied fresh material from frost, wind, and direct action of sun.

### VALUE BASE

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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