

# PRODUCT DATA SHEET

## Sikagard<sup>®</sup>-229 Facade

### WATER REPELLENT TREATMENT FOR WALLS AND FACADES

#### DESCRIPTION

Sikagard<sup>®</sup>-229 Facade is a water emulsion, ready for use, water repellent impregnation.

#### USES

For making facades water repellent and protecting building against water ingress.

Sikagard<sup>®</sup>-229 Facade can be applied on mortar, masonry, fiber-cement, stone, etc.

#### CHARACTERISTICS / ADVANTAGES

- Strong water repellent capability.
- Allows the substrate to breathe (vapor permeable).
- Improves resistance to dirt pick up, and reduces fungal, algal and lichens growth.
- Ready to use.
- Water based environmentally friendly.

#### PRODUCT INFORMATION

<b>Composition</b>	Siliconate solution
<b>Packaging</b>	20 L cans
<b>Appearance / Color</b>	Transparent liquid
<b>Shelf life</b>	24 months from date of production if stored properly in undamaged and unopened, original sealed containers.
<b>Storage conditions</b>	in dry conditions at temperatures between +5°C and +35°C. Protect from frost.
<b>Density</b>	approx. 1
<b>pH-Value</b>	11,5 to 13

#### APPLICATION INFORMATION

TEMPLATE FOR TRANSLATION. ONLY FOR INTERNAL USE.

<b>Consumption</b>	Dependent on substrate porosity: <ul style="list-style-type: none"> <li>▪ On mortar: ~ 150 - 200 g/m<sup>2</sup></li> <li>▪ On other porous materials: ~ 300 - 500 g/m<sup>2</sup></li> </ul> (A test is necessary to determine the exact consumption). Any over consumption can cause the appearance of whitish marks.
<b>Ambient Air Temperature</b>	+5°C min. / +35°C max.
<b>Substrate Temperature</b>	+5°C min. / +35°C max.
<b>Curing Treatment</b>	Sikagard®-229 Facade does not require special curing but must be protected from rain for at least 24 hours at +20°C. If rain occurs within 24 h treatment needs to be repeated.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

- Clean, sound, free of dust, dirt, oils and grease, efflorescence and old paint coatings etc.
- Cracks must be repaired first prior to carry out the hydrophobic treatment.
- Cleaning shall be done with suitable detergent or by light steam or blast cleaning.
- Best results are obtained on dry, very absorbent substrates.
- The substrate must look dry with no damp patches.

### APPLICATION

Sikagard®-229 Facade is applied with a conventional low-pressure spray, brush or roller, in a single pass from bottom up taking care not to let the product run.

Avoid any over consumption as this might causes whitish marks.

### CLEANING OF EQUIPMENT

Clean all tools and application equipment with clean water immediately after use.

Cured material can only be removed mechanically.

## IMPORTANT CONSIDERATIONS

- Cement based substrates (mortar, render ...) must be at least 28 days old to have their surface carbonated.
- Cannot be used on concrete.
- On terracotta-based substrate (brick, tiles ...) likely to contain dissolved salts and more generally on dark substrates, an application test in a remote zone is recommended – check within 72 hours the eventual apparition of efflorescence.
- Protect varnished, painted or glass surfaces and aluminum frames (possibility of surface damage / staining) – in cases of splashes, wash with water immediately.
- Test on a sample surface before use.
- Cannot be over coated with emulsion or solvent based paint.
- Sikagard®-229 Facade is not suitable for horizontal surface.
- Cannot be used in basins, nor in pools or tanks.

## BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based

on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## LOCAL RESTRICTIONS

Note that because of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

## 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.

### DIRECTIVE 2004/42/CE LIMITATION OF EMISSIONS OF VOC

According to the EU-2004/42 directive, the maximum VOC content\* (product category Annex II / h type pa) is 30 g/l of ready-to-use product.

The VOC content\* of Sikagard®-229 Facade, ready for use, is approximately 0 g/l.

\*Volatile Organic Compounds

## LEGAL NOTES

The information, and 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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