

SYSTEM DATA SHEET

Sikagard® WallCoat PS-11

WATERBORNE, LOW EMITTING, UV RESISTANT WALL-COATING SYSTEM

PRODUCT DESCRIPTION

Sikagard® WallCoat PS-11 is a wall-coating system based on waterborne technology, combined of a 2-component epoxy resin base coat with an easy to clean 2-component waterborne PU top coat.

USES

Sikagard® WallCoat PS-11 installation works to be carried out only by Sika Approved Contractors. Please observe information given by Product Data Sheets.

- Application on cement and gypsum based renderings and skim coats
- Suitable for production facilities in the food and beverage industry, pharmaceutical industry and medical engineering.

CHARACTERISTICS / ADVANTAGES

- Seamless, easy to clean finish
- Good UV and yellowing resistance
- Very low emission of VOC
- Excellent resistance to repeated cleaning regimes using mild detergents and cleaning solutions
- Solvent free
- Good opacity
- Odourless
- Easy to apply

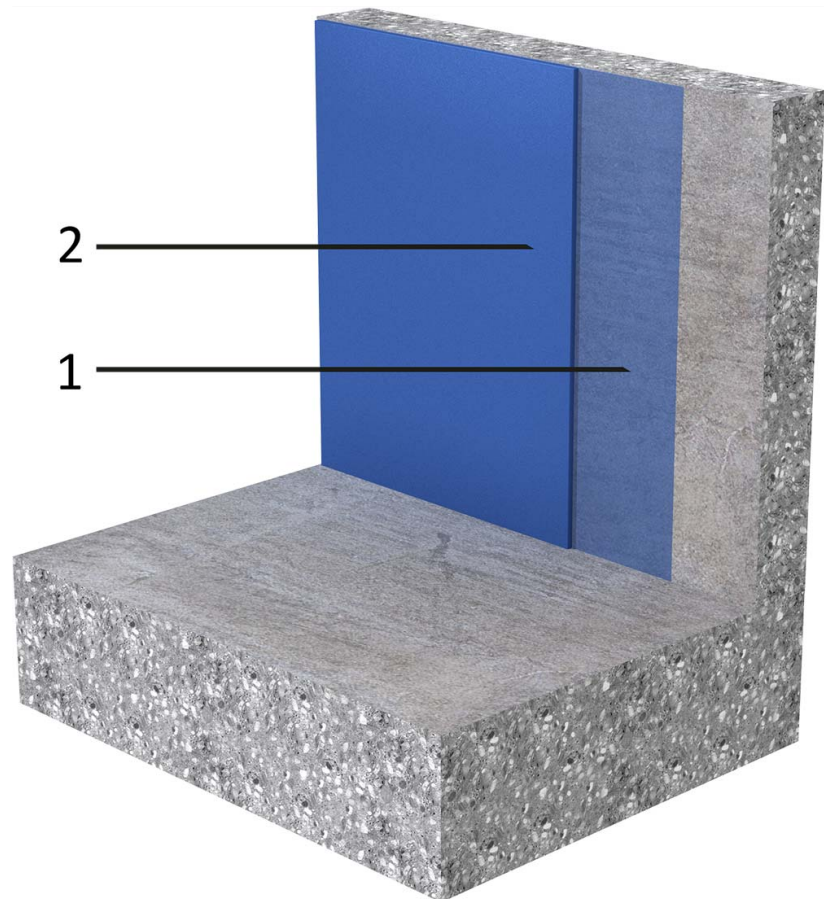
ENVIRONMENTAL INFORMATION

Conformity with LEED v2009 IEQc 4.2: Low-Emitting Materials - Paints and Coatings

SYSTEM INFORMATION

System Structure

Sikagard® WallCoat PS-11



Layer	Product
1. Primer	Sikagard® Wallcoat N + 5 % water
2. Top Coat	Sikafloor®-305 W

Composition	Sikagard® Wallcoat N Sikafloor®-305 N	2-c-epoxy resin, waterborne 2-c-PU resin, waterborne
Appearance	matt	
Colour	RAL and NCS colours on request, see section limitations	

TECHNICAL INFORMATION

Chemical Resistance	Good chemical resistance to weak acids, alkalis, cleaning agents and disinfectants. Contact Sika Technical Service for specific information. Disinfection with vaporised Hydrogen Peroxide: Resistant when using STERIS VHP Technology
Microbiological Resistance	see Product Data Sheet of Sikafloor®-305 W

APPLICATION INFORMATION

Consumption	Layer	Product	Consumption
	1. Primer	Sikagard® Wallcoat N	~0.20 kg/m ²
	2. Top Coat	Sikafloor®-305 W	~0.15 kg/m ²
Ambient Air Temperature	+8 °C min. / +35 °C max.		
Relative Air Humidity	≤ 80 %		

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BUILDING TRUST



Dew Point	Beware of condensation! The substrate temperature and uncured material must be min 3 °C above dew point to reduce risk of condensation
Substrate Temperature	+8 °C min. / +35 °C max.
Substrate Moisture Content	<ul style="list-style-type: none"> ▪ max. 6 % acc. Sika Tramex Meter ▪ max. 4 % acc. CM method
Waiting Time / Overcoating	see Product Data Sheet Sikagard® Wallcoat N

PRODUCT INFORMATION

Packaging	see Product Data Sheet
Shelf Life	see Product Data Sheet
Storage Conditions	see Product Data Sheet

MAINTENANCE

In case the surface of the coating system has picked up too much dirt and can't be cleaned properly it shall be maintained. Same will be necessary when the top coat has been contaminated by liquids penetrating into the surface. The maintenance of the system can easily be done by slightly grinding the surface and re-coating with one or two layers of the relevant top coat.

CLEANING

The top coat of the system is tested in according to EN 11998:2006, wet scrub resistance. According to EN 13300 the product is classified in class 1. The surface can be cleaned with a wet sponge, using mild detergents, and washed with clean water.

LIMITATIONS

- First mix part A and B of Sikafloor®-305 W properly. Then add 5 % to 7 % water to the mix and stir again for 1 minute. Wait one minute and stir again for 1 minute.
- The amount of water added must be exactly the same for every mix, otherwise colour shade and texture of the top coat may vary slightly.
- The freshly applied system must be protected from damp, condensation and liquid water for at least 24 hours.
- Always ensure adequate fresh air ventilation during application and curing time.
- With critical colour shades (i.e. yellow, orange, red) the application of multiple layers may be necessary to ensure sufficient opacity.
- The incorrect assessment and treatment of cracks

may lead to a reduced service life time and reflective cracking.

- If exact colour matching is required ensure that in each area material from the same control batch number is used.
- Each type of roller will give a slightly different surface texture. Always use same roller type in same areas.
- Ensure that the previous layer is fully cured before overcoating.
- Cracking may occur when overcoating non-dried areas.
- Acoustic insulation boards may lose some acoustic absorption properties when coated.

VALUE BASE

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 as a result 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

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regula-

tions. Please contact your local Sika sales organisation for more information.

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.

SIKA IRELAND LIMITED

Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @Sikalreland



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