BUILDING TRUST

SYSTEM DATA SHEET

Sikagard® Wallcoat PS-13

Water-based, low-VOC wall coating system with very good UV resistance

DESCRIPTION

Sikagard® WallCoat PS-13 is a water-based wall coating system combining an acrylic resin primer and base coat with an easy-to-clean, two-part, water-based PU top coat.

USES

Sikagard® WallCoat PS-13 may only be used by experienced professionals.

Sikagard® WallCoat PS-13 is used for:
- Food and beverage facilities
- Pharmaceutical facilities
- Healthcare facilities and hospitals
- Leisure and culture facilities such as museums and stadiums
- Prisons

Sikagard® WallCoat PS-13 is used on:
- Bricks
- Gypsum and cement-based substrates
- Metal
- Timber
- Tiles
- Plastic

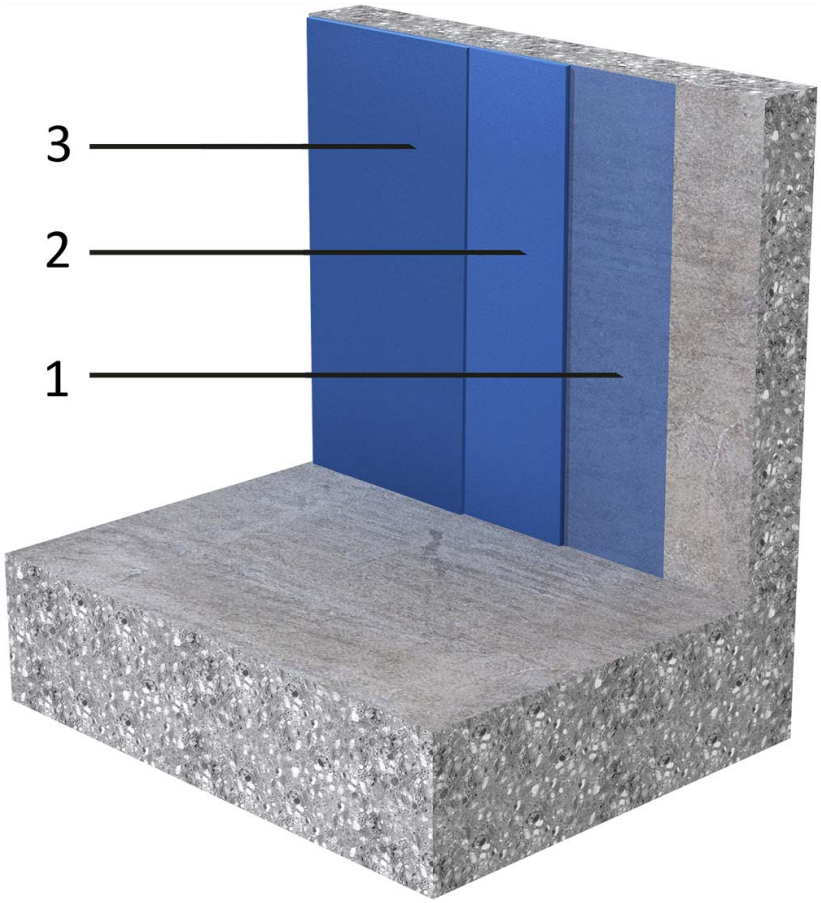
FEATURES

- Seamless
- Good resistance to UV exposure
- Good yellowing resistance
- Easy to clean
- Good resistance to repeated cleaning and disinfection regimes using mild detergents and cleaning solutions
- Tough
- High durability
- Improved resistance to cracking and flaking in comparison to standard acrylic paints
- Good opacity (covering power)
- Low odour
- Easy to apply

SYSTEM INFORMATION

System structure

Sikagard® WallCoat PS-13



	Layer	Product
1.	Primer	Sikagard®-403 W + 5 % water
2.	Intermediate layer	Sikagard®-403 W
3.	Top coat	Sikafloor®-305 W

Composition	Acrylic copolymer dispersion and polyurethane, water-based
Appearance	Smooth matt finish
Nominal thickness	250 µm to 300 µm

TECHNICAL INFORMATION

Chemical resistance	Good short-term resistance to mild acids, alkalis, cleaning agents and disinfectants. Contact Sika Technical Services for specific information. Disinfection with hydrogen peroxide vapour: ▪ Resistant when using STERIS VHP technology ▪ Resistant to PEA vaporisation technology for up to a maximum exposure of 8 hours
Microbiological resistance	Excellent (ISO 846)

APPLICATION INFORMATION

Consumption

Layer	Product	Consumption
Primer	Sikagard®-403 W + 5 % water	1 × 0.2 kg/m²
Intermediate layer	Sikagard®-403 W	1 × 0.25 kg/m²
Top coat	Sikafloor®-305 W	1 × 0.15 kg/m²

Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply the Product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

Ambient air temperature

Maximum	+35 °C
Minimum	+10 °C

Relative air humidity

Maximum	75 % r.h.

Dew point

Beware of condensation. Substrate temperature during application must be at least +3 °C above dew point.

Substrate temperature

Maximum	+35 °C
Minimum	+10 °C

Substrate moisture content

Refer to the individual Product Data Sheet.

Waiting time to overcoating

Before applying Sikagard®-403 W on Sikagard®-403 W, allow:

Temperature	Minimum	Maximum
+10 °C	4 hours	7 days
+20 °C	2 hours	7 days
+30 °C	1 hour	7 days

Before applying 2-part top coats, allow:

Temperature	Minimum	Maximum
+10 °C	16 hours	7 days
+20 °C	8 hours	7 days
+30 °C	4 hours	7 days

Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.

Applied product ready for use

Temperature	Touch dry	Partial cure	Full cure
+10 °C	30 hours	48 hours	6 days
+20 °C	16 hours	24 hours	4 days
+30 °C	12 hours	18 hours	3 days

Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.

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.

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.

MAINTENANCE INSTRUCTIONS

CLEANING

The top coat of the System is tested in accordance with EN 11998:2006, wet-scrub resistance. According to EN 13300:2002 the System is classified as being class 1. Clean the System in the following way:

1. Clean the surface of the System using a wet sponge and mild detergent to remove the contamination.
2. Wash the surface thoroughly with clean water.

MAINTENANCE

If the top coat picks up more dirt than can be removed by cleaning, or if the top coat has been contaminated by liquids that have penetrated the surface, the System can be maintained follows:

1. Lightly abrade the surface of the System to remove ingrained contamination.
2. Apply 1–2 layers of the top coat. Refer to individual Product Datasheet.

LOCAL RESTRICTIONS

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

LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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