

PRODUCT DATA SHEET

Sikagard®-209 WallCoat

ACRYLIC WATERPROOFING COATING FOR EXTERNAL WALL

DESCRIPTION

Sikagard®-209 WallCoat is a 1-component, acrylic based, flexible waterproofing coating for external wall.

USES

Sikagard®-209 WallCoat is suitable for the waterproofing coating for masonry and concrete structures of private residences such as:

- Parapet wall
- External wall

CHARACTERISTICS / ADVANTAGES

- Economical
- Easy to use and apply
- Can be applied by brush, roller, or spraying machine
- Very good water penetration resistance
- Excellent adhesion concrete and cementitious based substrates
- Flexible and weather resistant
- Non-toxic
- Will not promote fungal growth

PRODUCT INFORMATION

Chemical base	Acrylic
Packaging	10 kg / 18 kg in plastic pail.
Appearance / Colour	Milky/ Liquid
Shelf life	12 months from date of production if stored properly in unopened, original packaging.
Storage conditions	Dry, cool, shaded place between +5°C and +35°C. Protect from direct sunlight.
Density	~1.28 kg/L

TECHNICAL INFORMATION

Tensile Adhesion Strength	(Bonding strength) ~1.0 N/mm ² (concrete failure) (ASTM D 7234-12)
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SYSTEM INFORMATION

System Structure	2-3 coats
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APPLICATION INFORMATION

Consumption	~0.3 kg/coat
Ambient Air Temperature	+5 °C min / +35 °C max
Substrate Temperature	+5 °C min / +35 °C max
Waiting Time / Overcoating	~4-6 hours depending on ambient conditions

SUBSTRATE QUALITY / PRE-TREATMENT

- Surface must be clean, sound and properly cured. Remove all loose materials mechanically, preferably with a wire brush.
- New concrete should be cured for at least 28 days and should have a pull off strength ≥ 1.5 N/mm².
- Cementitious substrates must be prepared mechanically to remove cement laitance.
- Loose friable material and weak concrete must be completely removed and surface defects such as blowholes and voids must be repaired prior application of Sikagard®-209 WallCoat.
- Repairs to the substrate, filling of joints, blowholes/voids and surface levelling must be carried out using appropriate products.
- High spots must be removed by e.g. grinding.

APPLICATION

Application of Sikagard®-209 WallCoat by brush, roller or airless spraying machine.

CLEANING OF TOOLS

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

FURTHER DOCUMENTS

- Ambient and surface temperatures must be between +5°C and +35°C during application.
- Do not attempt application if rain is imminent.
- It is not recommended to apply rendering mortar on top of Sikagard®-209 WallCoat
- Avoid ponding water on top of Sikagard®-209 WallCoat.
- Important notes: Under actual application conditions, there may be color variations; this has no influence on the function and performance of the water-proofing layer.

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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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

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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