

PRODUCT DATA SHEET

Sikagard® Wallcoat L

2-PART WATER DISPERSED EPOXY COATING (INTERIOR)

DESCRIPTION

Sikagard® Wallcoat L is a two part, coloured, water dispersed epoxy resin for the protection and enhancement of concrete.

Sikagard® Wallcoat L can be applied over existing coatings or directly onto the concrete surfaces.

USES

Sikagard® Wallcoat L may only be used by experienced professionals.

- Coloured coating for interior wall surfaces
- For concrete or cementitious substrates
- Suitable for production facilities, storage and logistic areas etc.

CHARACTERISTICS / ADVANTAGES

- Good chemical and mechanical resistance
- Good opacity
- Water vapour permeable
- High resistance to carbonation
- Water dilutable
- Easy application
- Spray application is possible
- Easy to clean
- Odourless

PRODUCT INFORMATION

Packaging	25.85 kg/set
Appearance / Colour	Resin – Comp. A: coloured, liquid Hardener – Comp. B: white, liquid Available colour shades: ca. RAL 9003, 7035 Other colour shades on request. Under direct sun light there may be some discolouration and colour variation, this has no influence on the function and performance of the coating.
Shelf Life	12 months from date of production if stored properly in original, unopened and undamaged sealed packaging.
Storage Conditions	Storage in dry conditions at temperatures between +5 °C and +35 °C. Protect from frost.
Density	Mixed resin: ~1.4 kg/liter
Solid Content	~50 %

SYSTEM INFORMATION

Systems	Primer: On mortars: 1 x Sikagard® Wallcoat L + 5 wt.-% water On concrete: 1 x Sikagard® Wallcoat L + 5 wt.-% water Seal coat: 2–3 x Sikagard® Wallcoat L (roller application) or 1–2 x Sikagard® Wallcoat L (spray application)
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APPLICATION INFORMATION

Mixing Ratio	Comp. A : B = 25.2 : 0.65								
Ambient Air Temperature	+10 °C min. / +35 °C max.								
Relative Air Humidity	80 % r.h. max.								
Dew Point	<i>Beware of condensation!</i> The substrate and uncured floor coating must be at least 3°C above dew point to reduce the risk of condensation.								
Substrate Temperature	+10 °C min. / +30 °C max.								
Pot Life	<table><thead><tr><th>Temperatures</th><th>Time</th></tr></thead><tbody><tr><td>+10 °C</td><td>~150 minutes</td></tr><tr><td>+20 °C</td><td>~90 minutes</td></tr><tr><td>+30 °C</td><td>~60 minutes</td></tr></tbody></table>	Temperatures	Time	+10 °C	~150 minutes	+20 °C	~90 minutes	+30 °C	~60 minutes
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APPLICATION INSTRUCTIONS

EQUIPMENT

Sikagard® Wallcoat L can be applied by brush, roller and airless spray.

SUBSTRATE QUALITY / PRE-TREATMENT

The substrate must be dense, free of loose surfaces, dust, pollution, dirt, etc. The release agent or curing agent should be removed first. The surface shall be free from dust and moisture.

MIXING

Prior to mixing, stir Comp. A mechanically. When all of Comp. B has been added to Comp. A, mix continuously for 2 minutes until a uniform mix has been achieved.

To ensure thorough mixing pour materials into another container and mix again to achieve a consistent mix. Over mixing must be avoided to minimise air entrainment.

CLEANING OF TOOLS

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

FURTHER DOCUMENTS

- Do not apply Sikagard® Wallcoat L on substrates with rising moisture.
- Do not apply Sikagard® Wallcoat L on gypsum plaster boards, if in use for wet areas, such as shower rooms etc.
- Freshly applied Sikagard® Wallcoat L must be protected from damp, condensation and water for at least 24 hours.
- Always ensure adequate fresh air ventilation when using Sikagard® Wallcoat L in a confined space to avoid curing problems.
- The incorrect assessment and treatment of cracks may lead to a reduced service life and reflective cracking.
- For exact colour matching, ensure the Sikagard® Wallcoat L in each area is applied from the same control batch numbers.
- For spray application the use of protective health & safety equipment is mandatory!

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

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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