

PRODUCT DATA SHEET

SikaCeram[®]-935 Floor Leveler Primer

Water based flooring primer for levelling compounds and tile adhesives

DESCRIPTION

SikaCeram[®]-935 Floor Leveler Primer is a 1-part, water-based, synthetic resin concentrate which is diluted with water and used to prime cementitious and various other porous substrates. It is applied before using cementitious levelling compounds and tile adhesives to mainly reduce absorbency and improve adhesion onto the substrate.

USES

As a primer for:

- Reducing absorbency of substrate
- Improving adhesion on smooth and sound substrates
- Protecting the substrate against moisture from cementitious levelling compounds or tile adhesives

CHARACTERISTICS / ADVANTAGES

- Low consumption / high coverage
- Enhances bond strength
- Suitable for use with underfloor heating
- Short waiting times
- Reduces substrate dust
- Good penetration
- Compatible with defined substrates
- Very low emissions
- Applied by brush, roller or spray
- Ready for use or can be diluted with water
- Solvent-free

PRODUCT INFORMATION

Chemical base	Synthetic resin liquid
Packaging	5 kg container
Shelf life	12 months from date of production
Storage conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +10 °C and +30 °C. Material that has been mixed with water must be used within a week.
Appearance / Colour	Milky white liquid
Density	~1.02 kg/L (+27 °C) (EN ISO 2811-1)

SYSTEM INFORMATION

System structure	Layer	Product
	Primer	SikaCeram [®] -935 Floor Leveler Primer
	Floor levelling compound or tile adhesive	SikaCeram [®] -488 Floor Leveler or SikaCeram [®] cementitious tile adhesive

APPLICATION INFORMATION

Mixing ratio	Substrate	SikaCeram®-935 Floor Leveler Primer : Water (by weight or volume)
	Cementitious screeds or concrete	1 : 1
	Calcium sulphate (Anhydrite) screeds	1 : 1
Consumption	~150–200 g/m ² per coat (diluted) This figure is theoretical and does not include any additional material required due to surface porosity, surface profile, variation in level or wastage, etc.	
Ambient air temperature	+10 °C min. / +35 °C max.	
Substrate temperature	+10 °C min. / +35 °C max.	
Substrates	Substrate compatibility: <ul style="list-style-type: none">▪ Concrete▪ Cementitious screeds▪ Calcium sulphate (Anhydrite) screeds Other substrate types contact Sika Technical Services	
Waiting time / Overcoating	When applying SikaCeram®-488 Floor Leveler or SikaCeram® cementitious tile adhesives over SikaCeram®-935 Floor Leveler Primer allow:	
	Substrate	Minimum time
	Cementitious screeds or concrete	~20 minutes
Calcium sulphate (Anhydrite) screeds	~24 hours	
Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity. Reference must be made to the individual Product Data Sheets of the levelling compounds and tile adhesives.		

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.

FURTHER DOCUMENTS

- Sika Method Statement: SikaCeram-488 Floor Leveler
- Product Data Sheet of subsequent products to be applied

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

IMPORTANT

Strictly follow installation procedures

Strictly follow installation procedures as defined in

Method Statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

EQUIPMENT

MIXING

Low speed electric stirrer (~300–400 rpm)

APPLICATION

Brush or roller or suitable spray equipment

SUBSTRATE QUALITY / PRE-TREATMENT

All substrates

- The substrate must be sound, structurally stable, clean, dry and free of all contaminants such as dirt, oil, grease, cement laitance, wax, varnish, old adhesive residue, paint coatings and sinter, slurry or powder layers which could affect adhesion.
- All dust, loose and friable material must be completely removed from all substrate types before the application of SikaCeram®-935 Floor Leveler Primer, preferably by vacuum extraction equipment.

Concrete / cementitious screeds

- The concrete substrate must be sound and of sufficient compressive strength (minimum 20 N/mm²) with a minimum pull off strength of 1.5 N/mm².

- The substrate can be damp but must be free of standing water.
- The substrates with high porosity must be made saturated surface dry at least 2 hours prior to any primer application.
- Substrates must be prepared mechanically using suitable abrasive blast cleaning, planing / scarifying, grinding or other suitable equipment.
- Fill any voids or cavities with appropriate compatible Sika® repair products.

Calcium sulphate (Anhydrite) screeds

- Substrate must be ground flat to provide a smooth surface.
- Fill any voids or cavities with appropriate compatible Sika® repair or levelling products.

Other substrate types

- Contact Sika Technical Services.

MIXING

1. Shake or stir container before dilution.
2. Pour into a clean container and mix in the appropriate amount of water.

APPLICATION

1. Apply primer onto the prepared substrate by roller, paintbrush, brush or suitable spraying equipment (mixing ratio at least 1:1). Ensure a continuous, pore free coat covers the substrate.
2. Apply second coat of primer on very absorbent substrates.

Note: Avoid puddles on the surface during application.

Note: Confirm waiting /overcoating time has been achieved before applying subsequent products.

CLEANING OF TOOLS

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

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 exact product data and uses.

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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