

PRODUCT DATA SHEET

Sikalastic® U-Primer

Polyurethane primer for concrete and cementitious substrates

DESCRIPTION

Sikalastic® U-Primer is a 1-part, polyurethane, solvent-based, primer for concrete and cementitious substrates. It is used before applying SikaRoof® MTC-05/-08/-10 UV AP and SikaRoof® Pro-01/-03 AP roof waterproofing and coating systems.

USES

Sikalastic® U-Primer may only be used by experienced professionals.

- Priming concrete substrates and cementitious based screeds
- For low to medium absorbent substrates
- Primer for roof waterproofing and coating systems consisting of Sikalastic®-632 R or Sikalastic®-692 R.

FEATURES

- 1-part
- Easy to apply by brush or roller
- Fast drying, reducing application and waiting times
- Helps to stabilise substrates
- Reduces the likelihood of outgassing from susceptible substrates
- Good penetration onto absorbent substrates
- Excellent bond strength

PRODUCT INFORMATION

Composition	Solvent-based polyurethane
Packaging	14 kg container Refer to current price list for packaging variations.
Appearance and colour	Liquid / transparent-brownish colour
Shelf life	9 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. Always refer to packaging.
Density	~1,01 kg/l

APPLICATION INFORMATION

Consumption	~0,2 kg/m ² per coat This figure is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.
Ambient air temperature	+10 °C min. / +40 °C max.

Relative air humidity	85 % max.		
Dew point	Beware of condensation. The substrate and uncured applied material must be at least +3 °C above dew point to reduce the risk of condensation or blooming on the floor finish.		
Substrate temperature	+10 °C min. / +60 °C max.		
Substrate moisture content	≤ 4 % parts by weight Test method: Sika®-Tramex meter, CM-measurement or Oven-dry-method. No rising moisture according to ASTM (Polyethylene-sheet).		
Waiting time to overcoating	Ambient conditions	Minimum waiting time	Maximum waiting time*
	+20 °C / 55 % r.h.	4 hours (and touch dry)	24 hours
	+30 °C / 85 % r.h.	3 hours (and touch dry)	24 hours
	Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity. * After 24 hours the surface must be re-primed prior to the application of Sikalastic® U-Primer.		

SYSTEM INFORMATION

Systems	Sikalastic® U-Primer is part of the SikaRoof® MTC-05/-08/-10 UV AP and SikaRoof® Pro-01/-03 AP roof waterproofing and coating systems
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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.

FURTHER DOCUMENTATION

- System Data Sheet: SikaRoof® MTC-05/-08/-10 UV AP
- System Data Sheet: SikaRoof® Pro-01/-03 AP

IMPORTANT CONSIDERATIONS

Installation work must only be carried out by Sika® trained and approved contractors, experienced in this type of application.

- After application, product must be protected from damp, condensation and water contact (rain).
- Do not apply in wet weather or to wet surfaces.
- Do not use for indoor applications.

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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

The supporting structure must be of sufficient structural strength to apply all new and existing layers of the roof build-up. Complete roof system must be designed and secured against wind uplift loadings. The substrate must be uniform, firm, smooth and free of any sharp protrusion or burrs, clean, dry, free of grease, bitumen, oil, dust and loosely adhering particles.

SUBSTRATE PREPARATION

Cementitious substrates must be prepared mechanically using suitable abrasive blast cleaning or planing / scarifying equipment to remove cement laitance and achieve an open textured gripping surface profile suitable for the product system thickness.

High spots can be removed by grinding.

Weak cementitious substrates must be removed and surface defects such as blow holes and voids must be fully exposed.

Repairs to the substrate, filling of cracks, blowholes/voids and surface levelling must be carried out using appropriate products from the Sikafloor®, Sikadur® and Sikagard® range of materials. Products must be cured before applying Sikalastic® U-Primer. All dust, loose and friable material must be completely removed from all surfaces before application of the product and associated system products, preferably by vacuum extraction equipment.

APPLICATION

Apply Sikalastic® U-Primer onto the prepared substrate by brush or roller. Ensure a continuous, pore free coat covers the substrate. If necessary, apply two coats.

Confirm waiting /overcoating time has been achieved before applying subsequent coats or products.

Seal container immediately after use.

CLEANING OF EQUIPMENT

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

LOCAL RESTRICTIONS

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

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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