

PRODUCT DATA SHEET

Sikalastic® P 684

(formerly MSeal P 684)

One component, solvent-based primer for stainless steel, non-ferrous metal, aluminium, copper

DESCRIPTION

Sikalastic® P 684 is a one-component, solvent based polyurethane primer for exposed stainless steel, non-ferrous metal, aluminium, copper substrates.

USES

Versatile primer on various metallic substrates for use with:

- SikaRoof® MTC
- Sikalastic® roofing systems
- Sikafloor® balcony waterproofing systems
- Sikagard® hygiene coatings

FEATURES

- Fast curing
- Excellent adhesion
- Easy application by brush or roller
- Non yellowing

SUSTAINABILITY

This product conforms to the EU directive 2004/42/EG (Deco-Paint directive) and contains less than the maximum allowable VOC limit (Stage 2, 2010). According to the EU directive 2004/42, the maximum allowable VOC content for the Product Category IIB/c is 780 g/l (Limit: Stage 1, 2010). The VOC content for Sikalastic® P 684 is < 780 g/l (for the ready to use product).

PRODUCT INFORMATION

Composition	Solvent based polyurethane	
Packaging	4.7kg container	
Shelf life	12 months from date of production. See "Best before..." phrase on the label.	
Storage conditions	The product must be stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +35 °C. Higher storage temperatures may reduce shelf life of product. Reference shall also be made to the storage recommendations within the safety data sheet.	
Density	0.9 kg/l	
Solid content	25%	
Viscosity	20s	(4mm DIN cup)

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January 2026, Version 01.01

02091500000002027

APPLICATION INFORMATION

Consumption	0.04 - 0.06 kg/m2												
Ambient air temperature	+8 °C min. / +30 °C max.												
Relative air humidity	90%												
Dew point	Beware of condensation. The substrate and uncured material must be ≥3°C above dew point.												
Substrate temperature	+8 °C min. / +30 °C max.												
Waiting time to overcoating	<p>Apply Sikalastic® P 684 within 4 hours of blasting, before re-oxidation. Before applying any recommended SikaRoof® MTC, Sikalastic®, Sika- floor® or Sikagard® products- on Sikalastic® P 684, allow:</p> <table><tr><td><u>Substrate temperature</u></td><td><u>Mimimum waiting time</u></td><td><u>Maximum waiting time</u></td></tr><tr><td>+10 °C</td><td>2 hours</td><td>4 hours</td></tr><tr><td>+23 °C</td><td>30 minutes</td><td>2 hours</td></tr><tr><td>+30 °C</td><td>15 minutes</td><td>1 hour</td></tr></table> <p>Note: Apply an additional coat if more than 7 days pass before coating. Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity.</p>	<u>Substrate temperature</u>	<u>Mimimum waiting time</u>	<u>Maximum waiting time</u>	+10 °C	2 hours	4 hours	+23 °C	30 minutes	2 hours	+30 °C	15 minutes	1 hour
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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.

IMPORTANT CONSIDERATIONS

- Do not apply in wet weather or to wet surfaces.
- Do not use Sikalastic® P 684 for indoor applications.
- Always ensure good ventilation when using Sikalastic® P 684 in a confined space, to ensure drying and full curing.
- Any surfaces left uncovered for a period of more than 7 days should be reprimed.

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.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

The surfaces must be clean, dry, free of stripping agents and free of oil, grease, silanes, salts, silicone, siloxanes and other chemicals which could cause poor adhesion.

SUBSTRATE PREPARATION

All surfaces to be coated should be thoroughly cleaned by conventional means. Where blasting is not permitted then clean metal preparation by power tools is acceptable. Non-ferrous metals are prepared by removing deposits of dust and oxidation and abrade to white metal. Wire brushing can be used on soft metals, i.e. copper. Ensure that surfaces are free from visible dampness and that all dust, loose and friable material is completely removed from all surfaces before application of the product, preferably by brush and/or vacuum. If in doubt apply a test area first.

APPLICATION

The preferred methods of application are by brush or by wiping with a soft cloth (wear safety gloves, goggles and protective clothing). Apply thinly and evenly, avoiding ponding. After application the material should be protected from direct contact with water. Ensure that the solvent contained in the material is allowed to flash off completely before applying a subsequent coat.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with a suitable cleaner for solvented polyurthanes after use. Hardened and/or cured material can only be removed mechanically.

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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January 2026, Version 01.01
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SikalasticP684-en-DK-(01-2026)-1-1.pdf