

PRODUCT DATA SHEET

Sikalastic® Metal Primer

Two-component anticorrosive primer

DESCRIPTION

Sikalastic® Metal Primer is a two-component, anticorrosive primer for exposed metal substrates and blocking primer over bituminous felts and coatings.

USES

Versatile and anti-corrosive primer on metal substrates for use with:

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

Barrier against migration of volatile bitumen or plasticizer migration

CHARACTERISTICS / ADVANTAGES

- Fast curing, overcoat possible after 6 hours
- Corrosion protection in industrial and marine environments
- Easy application by brush or roller
- Enhances adhesion to a broad range of metallic substrates
- Protects against migration of volatile bitumen or plasticizers

PRODUCT INFORMATION

Composition	Epoxy, solvent borne and polyamide curative
Packaging	5.0 l (~7.17 kg) containers Component A: 2.5 l (~3.7 kg) Component B: 2.5 l (~3.47 kg)
Shelf life	12 months from date of production
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	~1.43 kg/l (23 °C) (EN ISO 2811-1)

APPLICATION INFORMATION

Mixing ratio	Component A : Component B = 1:1 (by volume)																
Consumption	Ca. 150 ml/m ²																
Ambient air temperature	+5 °C min. / +40 °C max.																
Relative air humidity	80 % r.h. max.																
Dew point	Beware of condensation. The substrate and uncured coating must be ≥3 °C above dew point to reduce.																
Substrate temperature	+5 °C min. / +40 °C max.																
Substrate moisture content	Visibly free from moisture and condensation																
Pot Life	Approx. 60 minuts (20°C/ 50% RH)																
Waiting time to overcoating	Apply Sikalastic® Metal Primer within 4 hours of blasting, before re-oxidation. Before applying any recommended SikaRoof® MTC, Sikalastic®, Sikafloor® or Sikagard® products- on Sikalastic® Metal Primer, allow: <table border="1"><thead><tr><th>Substrate temperature</th><th>Mimimum waiting time</th><th>Maximum waiting time</th><th>Touch dry after:</th></tr></thead><tbody><tr><td>+10 °C</td><td>12 hours approx</td><td>7 days</td><td>6 hours approx.</td></tr><tr><td>+20 °C</td><td>6 hours approx.</td><td>7 days</td><td>3 hours approx.</td></tr><tr><td>+30 °C</td><td>5 hours approx.</td><td>7 days</td><td>2 hours approx.</td></tr></tbody></table> 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.	Substrate temperature	Mimimum waiting time	Maximum waiting time	Touch dry after:	+10 °C	12 hours approx	7 days	6 hours approx.	+20 °C	6 hours approx.	7 days	3 hours approx.	+30 °C	5 hours approx.	7 days	2 hours approx.
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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® Metal Primer for indoor applications.
- Always ensure good ventilation when using Sikalastic® Metal Primer in a confined space, to ensure drying and full curing.
- Any surfaces left uncovered for a period of more than 7 days should be re-primed.

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.

DIRECTIVE 2004/42/CE LIMITATION OF EMISSIONS OF VOC

According to the EU-Directive 2004/42, the maximum allowed content of VOC (Product category IIA / j type sb) is 500 g/l (Limits 2010) for the ready to use product.

The maximum content of Sikalastic® Metal Primer is < 500 g/l VOC for the ready to use product.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces to be coated should be thoroughly cleaned by conventional means.

Steel is ideally prepared by shot blasting to Sa 21/2 or SSPC 10 (nearly white metal). 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.

For detailed information regarding substrate quality / preparation and primer chart please refer to Method

Statement.

APPLICATION

Prepare Sikalastic® Metal Primer by stirring component A until uniform, add component B and mix by electric drill until a homogeneous colour is achieved and the product is free of streaks.

Sikalastic® Metal Primer can be applied by short-piled roller or brush.

Allow primer to dry sufficiently (see table waiting time / overcoating) before overcoating.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with Thinner C immediately 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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PRODUCT DATA SHEET
Sikalastic® Metal Primer
May 2023, Version 01.03
02091595100000006

SikalasticMetalPrimer-en-DK-(05-2023)-1-3.pdf