

PRODUCT DATA SHEET

Sikalastic® Metal Primer N

Two component, primer for exposed metal substrate prior to the application of Sika Liquid Applied Roofing Membranes and Balcony Waterproofing Systems

PRODUCT DESCRIPTION

Sikalastic® Metal Primer N is a two-component, solvent based epoxy primer for exposed metal substrates. Consisting of a Base (Part A) and an Activator (Part B)

USES

Sikalastic® Metal Primer N is a primer for metal substrate for use with:-

- Decothane Ultra® Roofing Systems
- Sikalastic® roofing systems
- Sikalastic® balcony systems

CHARACTERISTICS / ADVANTAGES

- Fast curing, overcoat possible in 6 hours
- Easy application by brush or roller
- Enhances adhesion to broad range of metallic substrates
- Protects against migration of volatile bitumen substrates (in conjunction with fully reinforced systems)
- Can be overcoated with a wide range of Sika Liquid Applied Waterproofing Membranes

PRODUCT INFORMATION

Packaging	Part A - 3.75 ltr (5 ltr tin) Part B - 1.25 ltr (2.5 ltr tin)
Colour	Part A (Base) - Grey liquid Part B (Activator) - Amber liquid Parts AB (Mixed) - Grey liquid
Shelf Life	24 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	Part A (Base) - 1.32 Part B (Activator) - 1.03 Parts AB (Mixed) - 1.25
Solid content by volume	89%

Substrate	Primer Compatability <ul style="list-style-type: none"> ▪ Bituminous Felts ▪ Liquid Applied Membranes ▪ Single Ply Membranes ▪ Metal Roof Sheets 												
Mixing Ratio	Component A : Component B = 3:1 (by volume)												
Consumption	Apply in one coat, with a consumption of 0.15 L/m ² approx (0.20 kg/m ² approx) per coat depending upon surface roughness and absorption.												
Ambient Air Temperature	+5°C min / +40°C max												
Substrate Temperature	+5°C min / +40°C max												
Substrate Moisture Content	Visibly free from moisture and condensation												
Pot Life	20°C - 90 minutes												
Waiting Time / Overcoating	Apply Sikalastic® Metal Primer N within 4 hours of blasting, before re-oxidation. Before applying any recommended Decothane Ultra® Roofing Systems; Sikalastic® Roofing Systems & Sikalastic® Balcony Systems - on Sikalastic® Metal Primer N, allow:												
	<table border="1"> <thead> <tr> <th>Substrate temperature</th> <th>Minimum waiting time</th> <th>Maximum waiting time</th> </tr> </thead> <tbody> <tr> <td>+10°C</td> <td>12 hours</td> <td>7 Days</td> </tr> <tr> <td>+20°C</td> <td>6 hours</td> <td>7 Days</td> </tr> <tr> <td>+30°C</td> <td>3 hours</td> <td>7 Days</td> </tr> </tbody> </table>	Substrate temperature	Minimum waiting time	Maximum waiting time	+10°C	12 hours	7 Days	+20°C	6 hours	7 Days	+30°C	3 hours	7 Days
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	<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>												

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- Do not apply in wet weather or to wet surfaces.
- Do not use Sikalastic® Metal Primer N for indoor applications.
- Always ensure good ventilation when using Sikalastic® Metal Primer N 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

SUBSTRATE QUALITY

Prior to the commencement of works, adhesion/substrate compatibility trials should be carried out onto the substrate to confirm substrate suitability and adhesion of the proposed system.

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. Steel is ideally prepared by

shot blasting to Sa 2 1/2 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.

MIXING

APPLICATION

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

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

CLEANING OF TOOLS

Clean all tools and application equipment with Thinner C immediately after use. Hardened and/or cured 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 the 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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