

## PRODUCT DATA SHEET

# Sikalastic® Metal Primer N

Two component primer for exposed metal substrates prior to the application of Sika Liquid Applied Roofing Membranes

SIKA NZ  
APPROVED  
CONTRACTOR  
ONLY

### DESCRIPTION

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

### USES

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

- SikaRoof i-Cure systems
- Sikalastic® roofing systems
- Sikalastic® balcony systems

### CHARACTERISTICS / ADVANTAGES

- Fast curing, overcoat possible after 6 hours
- Easy application by brush or roller
- Enhances adhesion to a 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

|                                |  |
|--------------------------------|--|
| <b>Packaging</b>               | Part A - 3.75 ltr (5 ltr tin)<br>Part B - 1.25 ltr (2.5 ltr tin)   |
| <b>Colour</b>                  | Part A (Base) - Grey liquid<br>Part B (Activator) - Amber liquid<br>Parts AB (Mixed) - Grey liquid   |
| <b>Shelf Life</b>              | 24 months from date of production  |
| <b>Storage Conditions</b>      | The product must be stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +35 °C.<br>Higher storage temperatures may reduce shelf life of product.<br>Reference shall also be made to the storage recommendations within the safety data sheet. |
| <b>Density</b>                 | Part A (Base) - 1.32<br>Part B (Activator) - 1.03<br>Parts AB (Mixed) - 1.25   |
| <b>Solid content by volume</b> | 89%  |
| <b>Mixing Ratio</b>            | Component A : Component B = 3:1 (by volume)  |
| <b>Consumption</b>             | Apply in one coat, with a consumption of 0.15 L/m <sup>2</sup> approx (0.20 kg/m <sup>2</sup> ap-  |

prox) per coat depending upon surface roughness and absorption.

|                                   |   |
|-----------------------------------|---|
| <b>Ambient Air Temperature</b>    | +5°C min / +40°C max                        |
| <b>Substrate Temperature</b>      | +5°C min / +40°C max                        |
| <b>Substrate Moisture Content</b> | Visibly free from moisture and condensation |
| <b>Pot Life</b>                   | 20°C - 90 minutes                           |

**Waiting Time / Overcoating** Apply Sikalastic® Metal Primer N within 4 hours of blasting, before re-oxidation. Before applying any recommended Sikalastic® Roofing Systems & Sikalastic® Balcony Systems on Sikalastic® Metal Primer N, allow:

| <b>Substrate temperature</b> | <b>Minimum waiting time</b> | <b>Maximum waiting time</b> |
|------------------------------|-----------------------------|-----------------------------|
| +10°C                        | 12 hours                    | 7 Days                      |
| +20°C                        | 6 hours                     | 7 Days                      |
| +30°C                        | 3 hours                     | 7 Days                      |

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.

## 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.

## 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

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

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