

Sikalastic® Metal Primer

Two-component, anti-corrosive primer for exposed metal substrates prior to the application of Sikalastic®-621 TC used in the Sika-Trocal® Liquid Detailing System.

Product Description

Sikalastic® Metal Primer is a two-component, tough, amide curing primer. It consists of a Grey base (Part A) and an activator (Part B).

Uses

Anti-corrosive primer for exposed metal substrates, used prior to the application of Sikalastic®-621 TC in the Sika-Trocal® Liquid Detailing System.

Characteristics / Advantages

- Touch dry in 3 hours
- Low temperature curing down to 5°C
- Can be recoated after 6 hours

Product Data

Form

Appearance / Colours

Pearl Grey liquid (Part A); brown liquid (Part B)

Packaging

Two part 5ltr

Storage

Storage Conditions / Shelf Life

Store indoors in a well ventilated area between 5 and 40°C. Shelf life is 12 months from date of production if stored properly in original, unopened and undamaged sealed container. Expiry date on container.

Technical Data

Chemical Basis

Solvent borne epoxide resin (part A) and amide curative (Part B)

Density

1.2 – 1.4 kg/l

Flash Point

Part A = 43°C; Part B = 26°C

Roofing



System Information

Application Details

Substrate Quality Metals must be in a sound condition.

Substrate Preparation

Steelwork is ideally prepared to Sa21/2 (Swedish Standard SIS 05 : 5900 = 2nd quality BS4232 = S.S.P.C. grade SP10) OR as indicated by the blasting specification which may be of a higher standard. Where blasting is not permitted, then clean metal preparation by pin hammer etc is acceptable.

Non-ferrous metals are prepared as follows. Remove any deposits of dust and oxidation and abrade to bright metal. Wire brushing can be used for soft metal such as lead. The surface must be clean and free from grease which, if present, must be removed with a proprietary solution. Wash with detergent, rinse and dry.

Application Conditions / Limitations

Substrate and ambient Temperature +5 °C min. / +40 °C max.

Relative Air Humidity <80 %

Dew Point Beware of condensation! Surface temperature during application must be at least +5 °C above dew point.

Consumption Apply in two coats, at a rate of 0.15l/m² per coat to achieve a minimum dry film thickness of 130 microns.

Allow for application losses, surface irregularities, etc.

Application Instructions

Application Method Ensure surface is dry and free from dust and laminations. Prime steel within 4 hours of blasting (before re-oxidation). Previously primed areas must be free from contamination before re-priming or top coating. Product may be applied to damp surfaces but these must not be visibly wet.

Prepare primer by mixing the base until uniform. Add the activator and re-mix until homogeneous.

Standard industrial spray equipment, either airless or conventional, brush or roller. When applied by brush or roller additional coats may be required to reach specified dry film thickness.

Application Tools Use brushes for small areas only. For other applications, airless spray equipment with a 0.45mm (18 thou) tip should be used. Use a nose/ face mask if spraying.

Cleaning of Tools Thoroughly clean out airless sprays before leaving, within the pot life.

Pot life 1 hour at 20°C

Note: Pot life will decrease at higher temperatures and increase at lower temperatures.

Waiting Time / Overcoating At 20 °C: Dry to touch 3 hours
 Dry through 5 hours
 Overcoat after a minimum of 6 hours

Notes on Application / Limitations

Do not apply in wet weather or to wet surfaces.

Improved curing is achieved at temperatures between 10°C and 30°C. If cooler, then curing times will be extended.

Any surfaces left uncoated for a period of more than 7 days should be re-primed with this product.

Roofing

Value Base	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.
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.
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, user shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
Legal Note	The information contained herein and any other advice 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. The information only applies to the application(s) and product(s) expressly referred to herein. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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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