

PRODUCT DATA SHEET

SikaCor® Ruba-100 S

HIGH-BUILD ALUMINIUM PIGMENTED CHLORINATED RUBBER PRIMER/SEALER

DESCRIPTION

SikaCor Ruba-100S is a high-build aluminium pigmented chlorinated rubber primer/sealer which is designed for corrosion protection of various steel structures and underwater hull area of marine vessels as an anti-corrosive primer. It also can be used sealer coat/tie-coat for various antifoulings in newbuilding and repairs vessels.

USES

- Anti-corrosive primer for steel structures or marine vessels under severe corrosion environment.
- Anti-corrosive primer for underwater hull / sealer coat for conventional antifoulings
- Anti-corrosive primer for various immersion area

CHARACTERISTICS / ADVANTAGES

- Anticorrosive primer/sealer
- Excellent water resistance
- Unsaponifiable
- Resistant to well designed / controlled cathodic protection
- fast drying
- Can be applied at low temperature, down to -10
- Tolerates a DFT up to 150 at overlaps without sagging
- Compatible with antifoulings

PRODUCT INFORMATION

Packaging	18 Liters / Can
Appearance / Colour	Silver / Silver Red
Shelf life	12 months
Storage conditions	▪ Store in original, unopened and undamaged sealed packaging in dry conditions at temperature between 5°C and 35°C. ▪ Store cool and dry place avoiding direct exposure to sunlight ▪ Exposure to higher temperatures will reduce shelf life.
Density	Approx. 1.3 (kg/L) at 23
Flash Point	27°C
Solid content	Approx. 42% (by Volume)
Systems	1st : SikaCor Ruba-100S 50~75 microns 2nd : SikaCor A/F 36HA 100~150 microns (depending on specification)

APPLICATION INFORMATION

Thinner	Thinner No.7 Use 0~10% of thinner by volume depending on required film thickness and application condition.
Consumption	8.4 m ² /L (Theoretical)
Layer Thickness	Recommended dry film thickness : 50~100 microns
Drying time	Touch dry ≤ 30 min

APPLICATION INSTRUCTIONS

Airless spray

Recommended thinner	: Thinner No.7
Volume of thinner	: 0~5%
Nozzle orifice	: Approx. 0.45mm
Nozzle pressure	: 15 MPa

Air spray

Recommended thinner	: Thinner No.7
Volume of thinner	: 5~10%
Nozzle orifice	: 1.8~2.0 mm
Nozzle pressure	: 0.3~0.4 MPa

Brush/Roller : Volume of thinner : 0~3%

SURFACE PREPARATION

- Steel; blast cleaned to ISO-Sa2.5
- Primed steel or previous coat; dry and free from any contamination
- Galvanized steel; dry and free from any contamination and zinc salts
- Substrates temperature should be at least 3 above dew point

BASIS OF PRODUCT DATA

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

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.

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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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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