

# PRODUCT DATA SHEET

## Sika® Rustop

### ANTI-CORROSIVE COATING FOR STEEL AND CONCRETE

#### DESCRIPTION

Sika® Rustop is cement bound synthetic resin modified 2-component coating for corrosion protection on reinforcement and concrete. Ideally suited to rehabilitate corroded reinforcement.

#### USES

- Protects new or old reinforcement steel in construction from corrosion
- Ideal for protecting reinforcements with insufficient cover or in thin sections
- Protects embedded steel in repairable structures from further corrosion after rehabilitation
- Protects concrete against the action of Calcium Chlorides and de-icing salts

#### CHARACTERISTICS / ADVANTAGES

- Impervious anticorrosive coating to prevent ingress of water, chlorides and carbon dioxide
- Excellent adhesion to steel, concrete and mortar
- Good bonding for subsequent concrete or mortars due to cementitious base
- Contains corrosion inhibitors
- For structures under repair or rehabilitation the corroded surfaces rust must be cleaned using Sika® Rustoff 100
- Easy to use

#### PRODUCT INFORMATION

<b>Chemical Base</b>	Part A	Acrylic copolymer and special additives
	Part B	Cement, selected fillers and additives
<b>Packaging</b>	Part A+B pre-batched	1.25 kg x 6 sets
	Part A	0.25 kg
	Part B	1.00 kg
<b>Appearance / Colour</b>	Part A	White free flow lump free liquid
	Part B	Green free flow powder
<b>Shelf Life</b>	12 months from date of production	
<b>Storage Conditions</b>	Store properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +35°C.	
<b>Density</b>	Part A+B mixed : 2.10 kg/L at +30°C	

#### APPLICATION INFORMATION

<b>Mixing Ratio</b>	Part A : Part B = 1 : 4 (by weight)
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## Consumption

Approx one pack of 1.25 kg covers 3 - 4 sqft for 2 coats depending on the diameter of the reinforcement.

Average consumption is 3.6 to 4 kg per sqm for two coats depending on type of application.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

Should be free from oil, dirt and grease. For concrete remove cement skin, loose particles etc. Cavities, pin holes should be levelled.

For steel sand blasting or wire brushing is essential.

### APPLICATION

Gradually add powder Part B to liquid Part A in a wide mouth container and stir well for approximately 3 minutes till a brushable consistency is achieved. Apply first coat on cleaned reinforcement within 20 - 30 minutes of preparation. Then apply second coat after 2 - 3 hours of first coat. Subsequent concreting must be done after 24 hours.

### CLEANING OF TOOLS

Wash tools with Sika® Colma Cleaner immediately after use. Hardened material can only be removed mechanically

## 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.

## 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.

## 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.

## 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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