

PRODUCT DATA SHEET

Sika® Rustoff-100

Rust remover cum passivator

DESCRIPTION

Sika® Rustoff-100 is a single component liquid that removes rust and temporarily prevents further rusting of steel structures by providing a passivating coat.

USES

Sika® Rustoff-100 removes rust and temporarily prevents further rusting of:

- New or old reinforcement steel in construction
- Embedded steel in repairable structures
- Various steel structures like tanks, water pipelines, effluent pipelines, trusses, purlins, rafters etc.
- Ball bearings, valves, tools etc.
- Ideal for protecting reinforcements with insufficient cover or in thin sections.

CHARACTERISTICS / ADVANTAGES

- Removes rust
- Temporarily prevents further rusting by providing a passivating coat
- To be applied with brush, cotton waste swab or spray gun on the affected metal surface
- Easy to apply since it is in liquid form
- For repairable structures when applied with brush / spray gun can reach even the most difficult rusted areas with congested reinforcements

PRODUCT INFORMATION

Packaging	0.250 kg, 1 kg, 20 kg container
Shelf life	12 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.
Appearance / Colour	Clear liquid
Density	~1.17 kg/L at +30 °C

APPLICATION INFORMATION

Consumption	1 kg covers 3–5 m ² in 2 coats (depending on the diameter of the rods) 0.120–0.150 kg/m ² per coat (depending on extent of rusting and nature of substrate)
Substrate temperature	+5 °C min. / +50 °C max.

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.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

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

For heavily rusted surface, first clean mechanically by wire brushing, sand blasting etc. depending on the extent of corrosion.

The surface should be dry before application of Sika® Rustoff-100.

APPLICATION

IMPORTANT

Sika® Rustoff-100 is not a permanent passivator. Soon after rust removal, apply a corrosion protection coating such as Sika® Rustop, Sika® FerroGard®-950 IN or Sika MonoTop®-1010 IN.

Apply Sika® Rustoff-100 by brush, cotton waste swab or spray on the effected metal surface. Leave it in contact with the surface till the reddish colour of the corroded surface has changed to nearest original black. Excess application may sometime give whitish black surface. After a minimum 24 hours remove the loose rust particles by brush.

After the removal of loose rust any reddish rusted surface still left has to be re-treated with Sika® Rustoff-100. After the surface dries up totally (within 48 hours). Clean the surface with water jet and allow it to dry. Apply a preventive coating like Sika® Rustop.

CLEANING OF TOOLS

Clean all tools and application equipment with Sika® Colma Cleaner immediately after use. Hardened 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 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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