

Product Data Sheet
Edition 01/01/2014
Identification no:
02 06 01 00 006 0 000012
Sika® Rustoff 100

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Rust remover cum passivator

Product Description

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

Uses

Sika® Rustoff 100 removes rust and 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
- 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 Data

Form

Appearance / Colours Clear liquid

Packaging 250g, 500g, 1kg, 5kg, 20kg

Storage

Storage Conditions/ Shelf-Life 12 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +35°C.

Technical Data

Density 1.01 kg/l at 30°C

System Information

Application Conditions / Limitations

Construction



Substrate Temperature	+5°C min. / +50°C max.
Application Details	
Consumption / Dosage	1kg covers 3- 5 sqm in 2 coats (depending on the diameter of the rods) 0.120 to 0.150 kg/ sqm per coat depending on extent of rusting and nature of substrate.
Substrate Quality	Substrate should be free from oil, dirt and grease. For concrete remove cement skin, loose particles etc. Cavities, pin holes should be levelled.
Substrate Preparation	For heavily rusted surface, first clean mechanically by wire brushing, sand blasting etc. depending on the extent of corrosion.
Application Instructions	
Application Method / Tools	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	Wash tools with Sika® Colma Cleaner immediately after use. Hardened material can only be removed mechanically
Notes on Application / Limitation	The surface should be dry before application of Sika® Rustoff 100.
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.
Health and Safety Information	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.
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