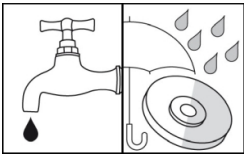
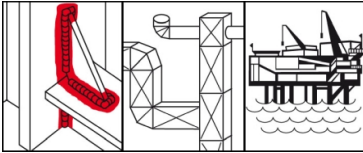


OKS 2581

Stainless Steel Protection, Spray



Description

Corrosion protection for ferrous metals and coating for other materials based on stainless steel pigments with active cathodic corrosion protection.

Applications

- For touching up damaged spots on stainless steels, such as weld seams.
- Coating on pipelines and ducts in all types of HVAC systems
- Finish coat for zinc dust paints such as OKS 2551
- Coating of non-metallic materials to create a stainless steel appearance

Branches

- Maintenance and servicing
- Municipal services
- Paper and packaging industry
- Plant and machine (tool) engineering
- Iron and steel industry
- Rail vehicle technology
- Rubber and plastic processing
- Glass and foundry industry
- Logistics
- Shipbuilding and marine technology
- Chemical industry

Advantages and benefits

- Enduring corrosion protection with active cathodic corrosion protection
- Contains pure stainless steel polish for a high-quality stainless steel surface appearance
- Self-healing polymer layer which closes again after slight damage and prevents corrosion
- Suitable for corrosion protection up to Category C4H as per EN ISO 12944:2018-06 for areas with an industrial atmosphere and coastal areas with moderate salt levels
- Finish coat, e.g. for a prime coat with OKS 2551
- Universal protective and decorative coating for many materials

Application tips

Clean the surfaces for optimum adhesion. It is best to clean mechanically first and then with OKS 2610 or OKS 2611 universal cleaner. The surface to be treated must be dry, uncoated and free of grease. Shake the can before use until you can hear the stirring balls rattle and continue shaking vigorously for 2 more minutes. Spray evenly onto the prepared surface from a distance of 20 - 30 cm using 1 - 2 cross coats or circular movements. Avoid local excesses. For thicker layers, apply another coat after the solvent has evaporated. After spraying, turn the can upside down and spray the valve in this position until only solvent comes out. Drying and curing times as per following technical data.

Packaging

- 400 ml Spray

OKS 2581

Stainless Steel Protection, Spray

Technical data

| | Standard | Conditions | Unit | Value |
|-------------------------------------------|-------------------|-------------------------------------------------|---------------------|------------------------|
| Main components | | | | |
| binder | | | | epoxy resin |
| solvent | | | | solvent mixture |
| solid lubricants | | | | Stainless-steel powder |
| solid lubricants | | | | Zinc powder |
| Application related technical data | | | | |
| lower operating temperature | | | °C | -70 |
| upper operating temperature | | | °C | 250 |
| optimal layer thickness | DIN 50 981/50 984 | DIN 50 982-2 | µm | 60-80 |
| surface covering | | layer thickness 60 µm | m ² /can | ca. 2 |
| processing temperature | | | °C | 10-35 |
| curing time | | at 20°C | h | 12-24 |
| curing time | | at 150°C | min | 15 |
| colour | | | | bright metallic |
| density (at 20°C) | DIN EN ISO 3838 | | g/cm ³ | 0.86 |
| Cross-cutting test | DIN EN ISO 2409 | Grid spacing of 2 mm | | GT=0 |
| salt spray test | DIN EN ISO 9227 | layer thickness >70 µm Air-drying | h | >1,300 |
| salt spray test | DIN EN ISO 9227 | layer thickness >100 µm heat-curing (150°C/min) | h | >1,700 |

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47
 82216 Maisach
 +49 8142 3051 - 500
 info@oks-germany.com
 www.oks-germany.com



The information in this publication reflects state-of-the-art technology, as well as extensive testing and experience. Due to the diversity of possible applications and technical realities, they can only serve as recommendations and are not arbitrarily transferable. Therefore, no obligations, liability or warranty claims can be derived from them. We only accept liability for the suitability of our products for particular purposes, and for certain properties of our products, in the event that we have accepted such liability in writing in the individual case. Any case of justified warranty claims shall be limited to the delivery of replacement goods free of defects, in the event that this subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular the liability for consequential injuries or damage, shall always be excluded. Prior to use, the customer must conduct its own testing to prove suitability. The data are subject to change for the sake of progress. ® = Registered trademark
Product restricted to professional users. Safety data sheet available for download at www.oks-germany.com
 Our Customer and Technical service will be pleased to help should you have any further questions.