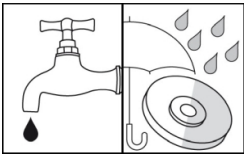
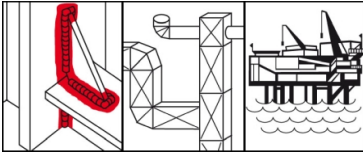


## OKS 2581

### 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. Optimal layer thickness: Spray evenly onto the prepared surface from a distance of 20 - 30 cm using 3 - 4 cross coats or circular movements. 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                  |
|-------------------------------------------|-------------------|---------------------------------------------------|--------|------------------------|
| <b>Main components</b>                    |                   |                                                   |        |                        |
| binder                                    |                   |                                                   |        | epoxy resin            |
| solvent                                   |                   |                                                   |        | solvent mixture        |
| solid lubricants                          |                   |                                                   |        | Stainless-steel powder |
| solid lubricants                          |                   |                                                   |        | Zinc powder            |
| <b>Application related technical data</b> |                   |                                                   |        |                        |
| 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 70 µm                             | m²/can | approx. 2              |
| processing temperature                    |                   |                                                   | °C     | 10-35                  |
| drying time                               |                   | 20°C                                              | min    | 5-10                   |
| curing time                               |                   | at 20°C                                           | h      | 12-24                  |
| curing time                               |                   | at 150°C                                          | min    | 15                     |
| colour                                    |                   |                                                   |        | bright metallic        |
| density                                   | DIN EN ISO 3838   | at 20°C                                           | g/cm³  | 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/15min) | h      | >1,700                 |
| <b>Properties and approvals</b>           |                   |                                                   |        |                        |
| UFI                                       |                   |                                                   |        | 8GPA-H0N7-E00K-21KM    |

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