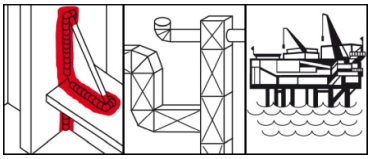
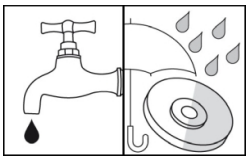
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OKS 2581
Stainless Steel Protection, Spray





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.

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Packaging

- 400 ml 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 70 µm	m^2/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/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/15min)	h	>1,700
Properties and approvals				
UFI				8GPA-H0N7-E00K-21KM

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