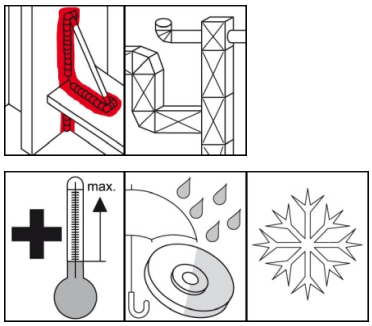
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 2571
Aluminium Protection, Spray



Description

Corrosion protection for ferrous metals and coating for other materials based on high-purity aluminium powder with active cathodic corrosion protection.

Applications

- Coating of pipelines and air ducts, containers, exhaust systems, silencers, firing, boiler and heating systems and light-metal bodies on utility vehicles
- Repairs to mechanically (stone impact) or chemically (de-icing salt) damaged aluminium rims
- Shielding of non-metallic materials, e.g. cardboard, wood, glass,plastics and similar
- Finish coat for zinc dust paints such as OKS 2551

Branches

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

Advantages and benefits

- Enduring corrosion protection with active cathodic corrosion protection
- Self-healing polymer layer which closes again after slight damage and prevents corrosion
- Suitable for corrosion protection up to Category C3H as per EN ISO 12944:2018-06 for industrial and urban areas and coastal areas with low 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. 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.

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OKS 2571
Aluminium Protection, Spray

Packaging

- 400 ml Spray

Technical data

	Standard	Conditions	Unit	Value
Main components				
binder				epoxy resin
solvent				solvent mixture
solid lubricants				aluminium powder
solid lubricants				Zinc powder
Application related technical data				
lower operating temperature			°C	-70
upper operating temperature			°C	250
optimal layer thickness	DIN EN ISO 2178/2360	DIN 50 982-2	µm	60-80
surface covering		layer thickness 70 µm	m^2/can	approx. 1-2
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				aluminium-coloured
density	DIN EN ISO 3838	at 20°C	g/cm^3	0.67
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	>400
salt spray test	DIN EN ISO 9227	layer thickness >100 µm heat-curing (150°C/15min)	h	>600
Properties and approvals				
UFI				3VAF-40EN-100A-W0CU

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