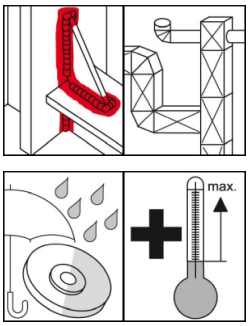
OKS 2561

Zinc-Aluminium Protection, Spray



Description

Corrosion protection for all ferrous metals based on high-purity zinc and aluminium powder with active cathodic corrosion protection.

Applications

- For touching up damaged spots on galvanised surfaces, e.g. after welding, drilling or cutting without a subsequent paint finish
- For protecting metal surfaces such as gratings, fences, gutters and similar.

Branches

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

Advantages and benefits

- Enduring corrosion protection with active cathodic corrosion protection thanks to optimum combination between zinc and aluminium pigments
- Colour tone resembles that of a hot-dip galvanized surface, allowing for touch-ups in a single application
- 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

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.

Packaging

- 400 ml Spray

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Technical data

	Standard	Conditions	Unit	Value
Main components				
binder				epoxy resin
solvent				solvent mixture
solid lubricants				Zinc powder
solid lubricants				aluminium 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	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				aluminium-coloured
density	DIN EN ISO 3838	at 20°C	g/cm³	0.69
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	>800
salt spray test	DIN EN ISO 9227	layer thickness >100 µm heat-curing (150°C/15min)	h	>1,300
Properties and approvals				
UFI				VKQD-H0Y0-J009-8XW1

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