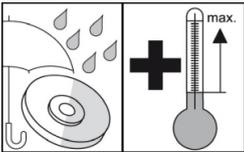
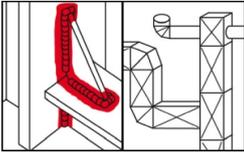


## OKS 2561

### 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



**OKS 2561**

**Zinc-Aluminium Protection, Spray**

**Technical data**

|   | Standard             | Conditions  | Unit                | Value               |
|---|----------------------|---|---------------------|---------------------|
| <b>Main components</b>                    |                      |   |                     |                     |
| binder                                    |                      |   |                     | epoxy resin         |
| solvent                                   |                      |   |                     | solvent mixture     |
| solid lubricants                          |                      |   |                     | Zinc powder         |
| solid lubricants                          |                      |   |                     | aluminium powder    |
| <b>Application related technical data</b> |                      |   |                     |                     |
| 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 <sup>2</sup> /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/cm <sup>3</sup>   | 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              |
| <b>Properties and approvals</b>           |                      |   |                     |                     |
| UFI                                       |                      |   |                     | VKQD-H0Y0-J009-8XW1 |

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