

Zinc Spray



long-term cathodic corrosion protection

WEICON Zinc Spray is approved by the German TÜV and provides a long-lasting cathodic corrosion protection to all metal surfaces. The spray forms a fast-drying, adherent protective layer of microfine zinc flakes.

Even after more than 550 hours in the salt spray test according to DIN 53167 and DIN 50021, metal parts coated with Zinc Spray did not show any corrosion. The zinc flakes form a resistant protective layer, even under extreme weather and environmental conditions.

Zinc Spray thus fulfils higher requirements than those defined by the DIN EN ISO 1461 standard. WEICON Zinc Spray can be used as a high-grade antirust primer, for the coating of welded joints and drilled holes, as a conductive intermediate layer for spot welding and wherever metal must be protected against corrosion.

ISSA: 53.402.06

IMPA: 45 08 11

Technical data

Colour	RAL 9006, Slightly weathered
Application	Indoors and outdoors
Binding agent	Styrenated alkyd resin
Pigment	Flaky zinc and aluminium pigments
Pigment purity	ca. 99,9 Zn / ca. 99,9% Al
Percentage of metal in dry film	ca. 70 %
Content	400 ml
Specific weight	1,1 - 1,3 g/cm ³
Recommended primer	not necessary
Processing temperature	from +5 to +35 (optimum +18 - 25) °C
Consumption at 1.5 cross coats	ca. 150 ml/m ²
Layer thickness at 1.5 cross coats	ca. 30-50 µm
dust dry after	ca. 15 Min.
Hardened after	ca. 12 h
paintable	ca. 24 h
Abrasion-resistant	abrasion-resistant
Cross cutting DIN 53151 / ISO 2409	Cross cut characteristic value GT 0
Salt spraying test ISO 9227	>550 h
Mandrel bend test DIN EN ISO 1519	no hair cracking
Top coating	not required
Temperature resistance after complete hardening	approx. -50 up to +500 °C

Storage stability

24 months

Pretreatment of the surface

Clean and degrease surfaces with WEICON Cleaner S.

Processing

Shake can before use until the mixing ball can be heard clearly. Spray on evenly and crosswise at room temperature (approx. 20°C) and at about 25 cm distance from the surface. Dust-dry after approx. 15 minutes, fully hardened after approx. 10-12 hours.

Storage

Pressurized container: protect from sunlight and do not expose to temperatures exceeding +50°C.

Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation.

We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

Health and Safety

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

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