

Surface and Anti-Corrosion Coating

Zinc Spray



Nonfood Compounds
Program Listed R2
Registration 156012



**Long-lasting cathodic corrosion protection | paintable |
>1050 hours salt spray test according to DIN EN ISO 9227**

WEICON Zinc Spray is approved by the German TÜV and provides all metal surfaces with a long-lasting cathodic corrosion protection. It forms a fast-drying, adherent protective layer of microfine zinc flakes. Even after more than 1050 hours in the salt spray test according to DIN EN ISO 9227, metal parts coated with WEICON Zinc Spray did not show any signs of corrosion. The zinc flakes form a resistant protective layer even against extreme weather and environmental conditions. That way, WEICON Zinc Spray fulfils higher requirements than those defined by the DIN EN ISO 1461 standard. WEICON Zinc Spray can be used as a high-grade anti-rust primer, for the coating of welded joints and drill holes, as a conductive intermediate layer for spot welding and wherever metal must be protected against corrosion.

Technical data

Colour	RAL 9006* "slightly weathered galvanization"	
Application range	indoor and outdoor use	
Binder	Styrene alkyd	
Pigment	flaky zinc and aluminium pigments	
Pigment purity	ca. 99.9% Zn / ca. 99.9% Al	
Metal content in dry film	~ 70 %	
Processing temperature	+5 to +35°C, ideally +18 to +35°C	
Recommended primer	not required	
Consumption	per 1.5 crosswise application	~ 2 m ²
Layer thickness with 1.5 crosswise applications approx.	30 - 50 µm	
Dust-dry after	15 min.	
Minimum shelf life	at room temperature	24 mon.
Cured after	10-12 h	
Can be painted	after 24 h	
Grid cut	DIN 53151/ISO 2409	Cross cutting test value 0
Abrasion-resistant	yes	
Complies with	Registered in the NSF White Book	
Mandrel bending test	DIN EN ISO 1519	no hairline cracking
Top coat	not required	
Density	1,1 g/cm ³	
Temperature resistance	-50°C to +500°C	

Approvals / Guidelines

NSF	R2 (FDA 21 CFR)	
ISSA Code	53.402.06	
IMPA Code	450811	
IKS	DIN EN ISO 9227-NSS / 1080 hours	
Complies with	Registered in the NSF White Book	

Surface Pre-Treatment

Clean and degrease surfaces with WEICON Surface Cleaner.

Application

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

Container is pressurised. Protect from direct sunlight and temperatures above +50 °C.

Instructions for use

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

Available sizes

1000016 Zinc Spray, 400 ml

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.

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