

Surface and anti-corrosion coating

Zinc Spray bright grade



Long-lasting cathodic corrosion protection | colour matching fresh hot-dip galvanization | NSF registration

WEICON Zinc Spray "bright grade" is approved by the German TÜV and provides all metal surfaces with a long-lasting cathodic corrosion protection. It has a bright colour shade matching fresh hot-dip galvanization. It forms a fast-drying, adherent protective layer of microfine zinc flakes. The zinc flakes form a resistant protective layer even against extreme weather and environmental conditions. Even after more than 550 hours in the salt spray test according to DIN EN 9227, metal parts coated with WEICON Zinc Spray bright grade did not show any corrosion. WEICON Zinc Spray "bright grade" can be used 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.

Technische Daten

Application area	indoor and outdoor use	
Binder	modified acrylic resin	
Pigment	flaky zinc and aluminium pigments	
Pigment purity	ca. 99.9% Zn / ca. 99.5% Al	
Metal content in dry film	~70 %	
Processing temperature	+5 to +35°C, ideally +18 to +35°C	
Recommended primer	Zinc Spray	
Consumption	30 ml/m ²	
Layer thickness with 1.5 crosswise applications approx. dust-dry	30 - 50 µm	
cured after	12 h	
Cross cutting	DIN 53151/ISO 2409	Cross cutting test value 0 to 1
Complies with	Registered in the NSF White Book	
Salt spray test	DIN 50021/DIN 53167	> 550 h
Cylindrical mandrel bend test	DIN EN ISO 1519	no hairline cracking
Topcoat	not required	
Density	1,0 g/cm ³	
Temperature resistance	-50°C to +300°C	
ISSA Code	53.402.07	
Shelf life	24 mon.	

Surface pre-treatment

Clean and degrease surfaces with WEICON Surface Cleaner.

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 direct sunlight and temperatures above +50°C.

Safety and health

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:

11001400 Zinc Spray bright grade, 400 ml

To the product detail page:



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.