

# Zinc Spray



## long-term cathodic corrosion protection

Zinc Spray 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 1050 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. Zinc Spray can be used as a high-grade anti-rust 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.

## Technical Data

Colour	RAL 9006*, " Slightly weathered hot-dip galvanisation"
Application	indoors and outdoors
Binding agent	styrenated alkyd resin
Pigment	flaky zinc and aluminium pigments
Pigment purity	approx. 99,9% Zn / approx. 99,9% Al
Percentage of metal in dry film	70 %
Specific weight	1,1 - 1,3 g/cm <sup>3</sup>
Recommended primer	not required
Processing temperature	+5 to +35, optimal +18 to +35 °C
Consumption at 1.5 cross coats	150 ml/m <sup>2</sup>
Layer thickness at 1.5 cross coats	30 -50 µm
Dust dry after	15 min.
Hardened after	12 h
Overpaintable after	24 h
Abrasion-resistant yes/no	abrasion-resistant
Cross cutting DIN 53151/ ISO 2409	cross cut characteristic value GT 0
Salt spraying test DIN 50021/ DIN 53167	>1.050 h
Mandrel bend test DIN EN ISO 1519	no hair cracking
Top coating	not required

Storage stability	24 months
Temperature resistance	-50 to +500 °C

\*corresponds approximately to the specified RAL colours

## Surface pre-treatment

Clean and degrease surfaces.

## 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.

## Safety and health

When using products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets must be observed.

## Technotopogs FZCO

Head Office Middle East: Hamriya Free Zone-Sharjah, UAE  
 Tel: +971 6 5262004 • Fax: +971 6 5262030  
 info@technotopogs.com • www.technotopogs.com

Westhafenplatz 1  
 60327 Frankfurt/Main, Germany  
 Tel: +49 (0) 69 710456072