

# Zinc-Spray

## Introduction

Technical sprays are used in nearly all sectors of modern industry. These sprays are used for care and protection of surfaces, for cleaning, degreasing, dissolving and separating and are essential in daily business.



WEICON Zinc Spray provides all metal surfaces, such as hot-dip galvanised parts being repaired, with permanent, cathodic corrosive protection. It forms a quick-drying, adhesive, protective layer of microfine zinc flakes.

In a salt spraying test according to DIN 53167 or DIN 50021, metal parts sprayed with WEICON Zinc Spray showed no corrosion, even after more than 550 hours. The innovative zinc flakes form a highly resistant protective layer, even against extreme weather and environmental influences. In this way, WEICON Zinc Spray fulfils higher requirements than demanded in DIN EN ISO 1461.

## Applications

- As high-quality rust protection primer
- For touching up welded or drilled sections
- As a conductive intermediate layer in spot welding
- Wherever metal must be protected from corrosion

## 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	about. 70 %
Content	400 ml
Specific weight	1,1 - 1,3 g/cm <sup>3</sup>
Recommended primer	not necessary
Processing temperature	from +5 to +35 (optimum +18 - 25) °C
Consumption at 1.5 cross coats	about. 150 ml/m <sup>2</sup>
Layer thickness at 1.5 cross coats	about. 30-50 µm
dust dry after	about. 15 Min.
Hardened after	about. 12 h
paintable	about. 24 h
Abrasion-resistant	abrasion-resistant
Cross cutting DIN 53151 / ISO 2409	Cross cut characteristic value GT 0
Salt spraying test DIN 50021 / DIN 53167	>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.

### WEICON GmbH & Co. KG (Headquarter)

Königsberger Str. 255 · DE-48157 Münster  
P.O. Box 84 60 · DE-48045 Münster  
Germany

Tel. +49 (0) 251 / 93 22-0  
Fax +49 (0) 251 / 93 22-244  
Fax +49 (0) 251 / 93 22-233 Export  
www.weicon.de · info@weicon.de

### WEICON Middle East L.L.C.

Jebel Ali Ind Area 3 · P.O. Box 118 216  
Dubai · U.A.E

Phone +971 4 880 25 05  
Fax +971 4 880 25 09  
Mobile +971 50 545 99 83  
www.weicon.ae · info@weicon.ae

### WEICON Inc.

20 Steckle Place · Unit 20  
Kitchener · Ontario · N2E 2C3  
Canada

Phone +1 519 896 5252  
Fax +1 519 896 5254  
Cell +1 519 590 5168  
www.weicon.ca · info@weicon.ca

### WEICON Kimya Sanayi Tic. Ltd. Şti.

Yenibosna Mahallesi Yalçın Koreş Caddesi  
Arifağa Sokak No: 29 Kat: 3  
34530 Yenibosna – İstanbul Turkey  
www.weicon.biz.tr · info@weicon.biz.tr

### WEICON Romania SRL

Str. Depozitelor 22  
540240 Targu Mures, jud. Mures Romania  
www.weicon.com · office@weicon.com