

Weicon Zinc Spray – Bright Grade is an easy to use surface and corrosion protection spray. This German-engineered spray is based on very high purity (99.9%) microfine zinc flakes. These flakes naturally settle on the surface to form an impenetrable layer to prevent rust or corrosion. This allows our bright Zinc Spray to provide exceptionally long lasting protection and performance in even the most extreme of weather and environmental conditions.

Our Bright Grade of Zinc Spray has been designed so that its colour matches freshly hot dip galvanised parts (RAL 9006). This makes it ideal for touching up areas missed, cut or modified.

Zinc Spray – Bright Grade can be used on surfaces located indoors or outdoors. It will tolerate some component movement and flexing without cracking and passed the DIN EN ISO 1519 Mandrel Bend Test without showing any signs of hair cracking to back up this claim. It has also been tested in the ISO 9227 Salt Spray Test where it recorded an excellent result of providing protection for more than 240 hours.

Coatings created with Zinc Spray – Bright Grade will be dust dry after about 15 minutes and hardened after 12 hours. Though no top coating is required, if you would like to paint it afterwards, you can, but you should wait 24 hours after applying the spray. Bright Zinc coatings will also be highly resistant to abrasion and withstand temperatures between -50°C and +300°C.

Bright Zinc Spray can be used to protect all kinds of metal surfaces and parts. If you would like to use a primer first, we suggest our Weicon Zinc Spray (standard colour). Weicon Zinc Spray – Bright Grade has been approved by the German TUV (technical inspection association).

### Applications

- Coating and protecting metal parts located outdoors.
- For the coating and protecting of welded joints.
- Protecting and coating drilled holes
- Protecting exposed metal edges on galvanised parts and fixtures
- As a conductive intermediate layer for spot welding
- In many, many other applications where metal parts need to be protected from corrosion.



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#### Important

The values listed here and the information presented should not be treated as a substitute for specific technical advice. We cannot warrant the products performance or suitability for particular applications.

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**Technical Details**

Colour	Zinc Grey (Fresh Hot Dip Galvanised) RAL 9006
Areas of Use	Indoors and Outdoors
Binding Agent	Modified Alkyd Resin
Pigment	Flaky Zinc and Aluminium Pigments
Pigment Purity	99.9% Zinc / 99.5% Aluminium
Percentage of Metal in the Dry Film	70% (Approx.)
Specific Gravity	1 – 1.1 g/cm <sup>3</sup>
Suggested Primer	Weicon Zinc Spray
Processing Temperature	+5°C to +35°C (Ideal is 18°C – 25°C)
Consumption w/ 1.5 Cross Coats	150ml / m <sup>2</sup> (Approx.)
Layer Thickness w/ 1.5 Cross Coats	20-40µm
Dust Dry After	15 Minutes (Approx.)
Hardened After	12 Hours (Approx.)
Paintable After	24 Hours (Approx.)
Abrasion Resistant	Yes
Cross-Cutting (DIN 53151 / ISO 2409)	Cross Cut Characteristic GT 0 to GT 1
Salt Spray Test (ISO 9227)	>240 Hours
Mandrel Bend Test (DIN EN ISO 1519)	No Hair Cracking
Temperature Resistance After Complete Hardening	-50°C to +300°C
IMPA Reference	45 08 12
ISSA Reference	53.402.07

**Preparation of the Surface**

Before using Weicon Zinc Spray – Bright Grade, ensure that the surface to which this spray will be applied is clean and completely free of grease or other contaminants (we suggest Weicon Cleaner S for this task). If you decide to use a primer, Weicon Zinc Spray (standard colour) is suggested.

**Processing**

Shake can until the mixing ball can be heard clearly. Spray on Zinc Spray evenly and crosswise at room temperature (20°C approx.) from a distance of about 25cm from the surface. Zinc Spray – Bright Grade will be dust dry after approximately 15 minutes and should be fully hardened in about 10-12 hours depending on environmental conditions.

**Storage**

Containers of Zinc Spray should be stored away from direct sunlight and not exposed to temperatures in excess of 50°C. Minimum shelf life is 24 months.

**Available Sizes**

Zinc Spray – Bright Grade is available in from Swift Supplies Online Australia in 400ml Aerosol Spray Cans.

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