

Our Weicon Stainless Steel Spray (Bright) is similar in form and function to our standard Stainless Steel Spray with one main, important difference: the colour. This spray creates a brighter finish that is like treated stainless steel.

Otherwise, this high quality metal spray provides many of the same features and benefits as its matt finish cousin. These include:

### **Large Range of Use Areas.**

Bright Stainless Steel Spray is suitable for use on surfaces indoors or outdoors. This spray is extremely weather resistant and very long lasting.

It is made with a combination of high purity stainless and aluminium pigments combined with an alkyd resin. It will stick well to all kinds of metal as well as wood, stone, glass, ceramic and most types of plastics.

Bright Stainless Steel Spray creates surfaces that are tough and long lasting. They are highly abrasion resistant and flexible enough to withstand the DIN EN ISO 1519 mandrel bend test without showing any signs of hair cracking.

### **Excellent Rust Protection & Corrosion Resistance.**

One of the main applications for our stainless steel sprays is covering up rust (see our Rust Converter for a suggested pre-treatment) or preventing rust from forming in the first place.

In these applications, this spray excels as it has excellent corrosion resistance. Our Stainless Steel Spray Bright Grade has been tested in the DIN EN ISO 2409 Salt Spray Test where it achieved a solid result of >140 Hours. This test sees coated objects subjected to concentrated salt spray to simulate natural weathering.

A result of over 140 hours of protection ensures this spray will provide years and years of rust proofing and corrosion prevention.

The fact that it has passed the aforementioned mandrel bend test helps with this as it ensures enough flexibility is maintained in the coating for it to protect against corrosion during metal expansion and contraction over time.

### **Fast, Simple and Easy to Use.**

Packaged in convenient aerosol form, our Stainless Steel Spray is ideal for application to larger surface areas or irregular shaped objects where brush application would be tricky. The nozzles are specially designed to reduce the potential for clogging and the spray is easy to apply in good, consistent coats.

Coatings made with this bright stainless steel spray are dust dry after about 10 minutes and completely hardened after 10 hours. They can be painted over if needed.

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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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**Applications for Stainless Steel Spray Bright Grade.**

Given all the similarities between them, it's probably no surprise that this Bright Grade is typically used in much the same applications as our standard grade of Stainless Steel Spray. These include:

- Repairing damaged stainless steel parts on truck bodies.
- Covering scratches stainless steel sections.
- Protecting steel fence posts from corrosion and giving them a brighter appearance.
- Coating plastic guard rails on boats for aesthetic reasons.
- Corrosion and chemical protection of piping and motor parts on boats.
- Protecting camping gear from rust and corrosion.
- Restoring damaged piping and air conditioning equipment.
- Coating surfaces in kitchens so that they match in with surrounding stainless steel appliances.

**Technical Details**

Colour	Stainless Steel, Metallic, Bright
Areas of Use	Indoors and Outdoors
Binding Agent	Acrylic Resin
Pigment	Stainless Steel & Aluminium Pigments
Pigment Purity	98.5% (Approx.) Stainless Steel Alloy
Percentage of Metal in the Dry Film	35% (Approx.)
Specific Gravity	0.9 – 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	120ml / m <sup>2</sup> (Approx.)
Layer Thickness w/ 1.5 Cross Coats	15-25 µm
Dust Dry After	10 Minutes (Approx.)
Hardened After	10 Hours (Approx.)
Paintable After	8 Hours (Approx.)
Abrasion Resistant	Yes
Cross-Cutting (DIN 53151 / ISO 2409)	Cross Cut Characteristic GT 0 to GT 1
Salt Spray Test (ISO 9227)	>140 Hours
Mandrel Bend Test (DIN EN ISO 1519)	No Hair Cracking
Top Coating	Not Required
Temperature Resistance After Complete Hardening	-50°C to +300°C

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### **Preparation of the Surface**

Before using Weicon Stainless Steel 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.

If coating rust, it may be worth considering the use of Weicon Rust Converter to first neutralise the rust. This spray also provides a base coat to which Stainless Steel Spray can be applied.

### **Processing**

Shake can until the mixing ball can be heard clearly. Spray on Stainless Steel Spray evenly and crosswise at room temperature (20°C approx.) from a distance of about 25cm from the surface. Weicon Stainless Steel Spray will be dust dry after approximately 10 minutes and should be fully hardened in about 4-6 hours depending on environmental conditions.

### **Storage**

Containers of Bright Stainless Steel 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**

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

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