

Weicon Stainless Steel Spray is a special coating and protecting spray that can be used in a variety of areas. This spray contains real, very high purity stainless steel pigments and creates a long-lasting surface coating that looks just like stainless steel (matt finish, RAL 9007 to be exact).

This coating effectively protects against rust and corrosion and is chemical and weather resistant.

Stainless Steel Spray is made from stainless steel pigments and an acrylic resin binding agent. It can be used with almost all kinds of surfaces including metal, wood, glass, stone and most plastics (really low surface energy ones like PTFE and HDPE are the exceptions).

Stainless Steel Spray is applied at room temperature and will be dust dry after about 10 minutes. It'll be fully hardened after about 4-6 hours depending on environmental conditions. Once it is fully dry, Stainless Steel Spray can be painted, will withstand abrasion and can handle temperatures between -50°C and +300°C.

Stainless Steel Spray is primarily used for one of three (somewhat related) things: restoration, corrosion protection or decoration. Just some of the applications we've seen over the years 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.

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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	Stainless Steel, Matt Finish, RAL 9007
Areas of Use	Indoors and Outdoors
Binding Agent	Acrylic Resin
Pigment	Stainless Steel Pigments
Pigment Purity	98.5% (Approx.) Stainless Steel Alloy
Percentage of Metal in the Dry Film	45% (Approx.)
Specific Gravity	0.9 – 1 g/cm ³
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 ² (Approx.)
Layer Thickness w/ 1.5 Cross Coats	20-30 µm
Dust Dry After	10 Minutes (Approx.)
Hardened After	4-6 Hours (Approx.)
Paintable After	4-6 Hours (Approx.)
Abrasion Resistant	Yes
Cross-Cutting (DIN 53151 / ISO 2409)	Cross Cut Characteristic GT 0 to GT 1
Salt Spray Test (ISO 9227)	Not Tested
Mandrel Bend Test (DIN EN ISO 1519)	No Hair Cracking
Top Coating	Not Required
Temperature Resistance After Complete Hardening	-50°C to +300°C
IMPA Reference Number	45 08 13
ISSA Reference Number	53.402.43

Preparation of the Surface

Before using Weicon Stainless Steel Spray, 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 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 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 is available in from Swift Supplies Online Australia in 400ml Aerosol Spray Cans.

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