

Weicon Copper Spray is a high-performance type of metal spray with a variety of uses. It can be used for coating and painting all kinds of surfaces and has a high copper content for creating outstanding protective or decorative coatings.

Copper Spray can be used on surfaces that will be indoors or outdoors as it has excellent weather-resistance. It is made with very high purity (around 99.9% pure) copper pigments and a very effective acrylic resin binding agent that ensures it sticks to most types of surfaces and materials.



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Weicon Copper Spray is excellent at withstanding high temperatures and can handle on-going exposure to environments between -50°C (-58°F) and +300°C (572°F).

- Just some of the more popular uses for this spray include...
- Restoring or copper colouring of windows sills, roof gutters and drain pipes.
- Changing the appearance of lights and light fittings to give them a more rustic appearance.
- Painting and rust proofing mailboxes, guard rails, posts and fences.
- Automotive finishing and restoration work.
- Painting and coating parts of BBQ's, stoves, cookers and heating equipment.
- Coating metal objects for decoration or rust prevention purposes.
- All kinds of general DIY, craft and decoration work where the desired result is a copper finish.

### Technical Details

Colour	Copper Metallic Matt Finish
Areas of Use	Indoors and Outdoors
Binding Agent	Acrylic Resin
Pigment	Copper Pigments
Pigment Purity	99.9% (Approx.)
Percentage of Metal in the Dry Film	50% (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	20-30µm
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

#### 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.

Date Created: 29/6/2017

Date Modified: 11/7/2017

Document # SSD-TDS-SWP000159

## **Preparation of the Surface**

Before using Weicon Copper 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 Copper Spray evenly and crosswise at room temperature (20°C approx.) from a distance of about 25cm from the surface. Weicon Copper 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 Copper 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**

Copper Spray is available in from Swift Supplies Online Australia in 400ml Aerosol Spray Cans.

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