

Surface and Anti-Corrosion Coating

Copper Spray

High-quality and effective

WEICON Copper Spray is a high-quality, weather-resistant metal spray with high adhesive strength and a high copper content for protective and decorative coatings with an appealing non-ferrous metal character for indoor and outdoor use. It is even used for the optical refinement (copper-plating) of various material surfaces or design parts. Copper Spray can be used on window sills, gutters and downspouts, outdoor lights and mailboxes, as well as for arts and crafts and decorative work.

Technical data

Colour	copper-metallic, matt
Silicone-free	yes
Application range	indoor and outdoor use
Binder	Acrylate resin
Pigment	copper pigments
Pigment purity	ca. 99.9% Cu
Metal content in dry film	~50 %
Processing temperature	+5 to +35°C, ideally +18 to +35°C
Recommended primer	Zinc Spray
Consumption per 1.5 crosswise application	~ 2 m ²
Layer thickness with 1.5 crosswise applications approx.	20 - 30 µm
Dust-dry after	10 min.
Minimum shelf life at room temperature	24 mon.
Cured after	4-6 h
Can be painted	after 4 h
Grid cut DIN 53151/ISO 2409	Cross cutting test value 0 to 1
Abrasion-resistant	yes
Mandrel bending test DIN EN ISO 1519	no hairline cracking
Top coat	not required
Density	0,9 g/cm ³
Temperature resistance	-50°C to +300°C

Approvals / Guidelines

MIL-Spec	complies with	MIL-T-83523
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Surface Pre-Treatment

Clean and degrease surfaces with WEICON Surface Cleaner.

Application

Shake can before use, until until the mixing pea is clearly audible. Apply evenly at room temperature (approx. +20°C/ +68°F) from a distance of approx. 25 cm in crosswise layers. Dust-dry after 10 min., fully cured after approx. 4-6 hours.

Storage

Container is pressurised. Protect from direct sunlight and temperatures above +50 °C.

Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Available sizes

10060386	Copper Spray, 400 ml
10000140	Copper Spray, 400 ml

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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.

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