Technical Sprays
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 m²
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		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/cm³
Temperature resistance		-50°C to +300°C
Compatible with Double Nozzle		no

Surface pretreatment

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

10000140 Copper Spray, 400 ml
10060386 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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