

#### **Technical Datasheet** te: 16.11.2017 ·

## **Copper Spray**

# WEICON Kupfer-Spray --04 Copper Spray

#### high-grade effective

WEICON Copper Spray is a high-quality, weather-resistant metal spray with high adhesion power and a high copper content for protective and decorative coatings having an effective nonferrous 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, and for arts & crafts and decorative work.

## **Technical Data**

Colour	copper-metallic, matt
Application	indoors and outdoors
Binding agent	acrylic resin
Pigment	copper pigments
Pigment purity	approx. 99,9% Cu
Percentage of metal in dry film	50 %
Specific weight	0,9 - 1,0 g/cm <sup>3</sup>
Recommended primer	Zinc-Spray
Processing temperature	+5 to +35, optimal +18 to +35 °C
Consumption at 1.5 cross coats	120 ml/m <sup>2</sup>
Layer thickness at 1.5 cross coats	20 -30 µm
Dust dry after	10 min.
Hardened after	4 -6 h

Overpaintable after	4-6 h
Abrasion-resistant yes/no	abrasion-resistant
Cross cutting DIN 53151/ ISO 2409	cross cut characteristic value GT 0 to GT 1
Mandrel bend test DIN EN ISO 1519	no hair cracking
Top coating	not required
Storage stability	24 months
Temperature resistance	-50 to +300 °C

#### Surface pre-treatment

Clean and degrease surfaces with WEICON Surface Cleaner.

#### Processing

Shake can before use till the mixing ball can be heard. Spray on evenly and crosswise at room temperature (approx. +20°C / +68°F) and at about 25 cm distance from surface. Dust-dry after approx. 10 minutes, fully hardened after approx. 4-6 hours.

#### Storage

Pressurized container: protect from sunlight and do not expose to temperatures exceeding +50°C.

## Safety and health

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

Copper Spray 400 ml

### Available sizes:

11101400

## Accessories:

11207400 11850200

Surface Cleaner. 400 ml Hand Protective Foam, 200 ml

#### 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 guarance 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.

WEICON GmbH & Co. KG (Headquarters) Germany phone +49 (0) 251 9322 0 info@weicon.de

WEICON SA (Ptv) Ltd South Africa phone +27 (0) 21 709 0088 info@weicon.co.za

WEICON Middle East L.L.C. United Arab Emirates phone +971 4 880 25 05 info@weicon.ae

WEICON South East Asia Pte Ltd Singapore phone (+65) 6710 7671 info@weicon.com.sg

WEICON Inc. Canada phone +1 877 620 8889 info@weicon ca www.weicon.ca

WEICON Czech Republic s.r.o. Czech Republic phone +42 (0) 417 533 013 info@weiconcz.cz

WEICON Kimya Sanayi Tic. Ltd. Şti. Turkey phone +90 (0) 212 465 33 65 info@weicon.com.ti

Spain phone +34 (0) 914 7997 34

WEICON Romania SRL Romania phone +40 (0) 3 65 730 763 office@weicon.com

www.weicon.com.tr WEICON Ibérica S.L.

info@weicon.es