

# Aluminium Paint



**effective  
abrasion resistant**

Aluminium Paint is used as corrosion protection and for the optical enhancement of metallic surfaces. Upon contact with moisture, aluminium pigments form a dense, almost impermeable oxide layer on the surface which prevents further moisture penetration.

High abrasion-resistance and a long colour shade guarantee are achieved by pigments which evenly distribute themselves throughout the entire coating upon application.

This protects WEICON Aluminium Paint against abrasion and chemical effects after it has thoroughly hardened.

**Technical Data**

Colour shade/ level of brilliance	aluminium / metallic shine
Binding agent	alkyd combination
Pigment	aluminium pigments (D50 16 µm)
Pigment purity	approx. 99,5%
Percentage of metal in dry film	32,0 %
Viscosity (DIN EN ISO 2431)/ Consistency	approx 120 s 4mm / stretchable
Processing temperature	+18 to +30 °C
Consumption	~150 ml/m <sup>2</sup>
Spray consistency	10 - 20% universal thinning
Cross-cut test (DIN 53151)	characteristic value GT 0 to GT 1
Mandrel bend test mandrel 5mm DIN EN ISO 1519	no hair cracking
Primer	WEICON Brushable Zinc Paint / Brushable Zinc Coating
Temperature resistance	approx. +300 °C
ISSA-Code	53.402.67/68
IMPA-Code	252107/08

**Surface pre-treatment**

Clean and degrease the surfaces with Cleaner Spray S. In the case of sensitive, non-metallic materials, use WEICON Surface Cleaner. WEICON Metal Pigment Coatings should be applied one hour after pre-treatment by e.g. sand blasting, sanding, cleaning or degreasing at the latest. Temperature differences between the surface and the air should be kept as small as possible, as otherwise, there is a risk of condensation forming (dew point +7°C).

**Processing**

Allow the container to reach room temperature (+20°C) and stir the sediment at the bottom of the container well. Apply the coating evenly with a brush or roller. Whilst processing, stir at regular intervals so that the active agent stays homogenous. Alternatively, the processing is possible with a spray gun (see technical data for the spraying consistency). High processing temperatures up to +30°C (max.) and low levels of air humidity help to create an even application and an optimum surface structure. WEICON Metal Pigment Coatings can also be applied on surfaces with temperatures down to -10°C. In the case of temperatures below zero, the structure of the surface is somewhat worse. On account of the solvent which only evaporates over a long period and the slow hardening, the paint has a tendency to form 'tears' on vertical surfaces.

**Storage**

Keep away from sources of ignition - No smoking Take precautionary measures against static discharges. Keep in closed original container. Do not store with combustible materials. Store container at cool and aired place. Protect from heat/overheating.

**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](http://www.weicon.com)) must be observed.

**Available sizes:**

- 15002375 Aluminium Paint 375 ml
- 15002750 Aluminium Paint 750 ml

**Accessories:**

- 10953001 Processing Spatula,
- 10953003 Processing Spatula,

**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.

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

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

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

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

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

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

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

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

WEICON Ibérica S.L.  
Spain  
phone +34 (0) 914 7997 34  
info@weicon.es  
www.weicon.es

WEICON Italia S.r.l.  
Italy  
phone (+39) 0102924871  
info@weicon.it  
www.weicon.it