

Aluminium Paint



Effective | abrasion-resistant

WEICON Aluminium Paint can be used universally on all metallic surfaces. It offers good protection against corrosion and is also used to touch up components. Upon contact with moisture, aluminium pigments form a dense, almost impermeable oxide layer on the surface. This can reach a thickness of up to 0,05 µm and prevents further moisture penetration. That way, the component's surface is protected effectively against corrosion. High abrasion resistance and a long colour guarantee are achieved by using so-called "non-leaving" pigments. These distribute themselves evenly throughout the entire coating upon application. This protects WEICON Aluminium Paint against abrasion and chemical effects after it has thoroughly hardened.

Technische Daten

Binder	Alkyd combination	
Cylindrical mandrel bend test	DIN EN ISO 1519	no hairline cracking
Recommended primer	WEICON Brushable Liquid Zinc Coating, Brushable Liquid Zinc Paint	
Processing temperature	+18°C to +30°C	
Metal content in dry film	~32 %	
Pigment purity	ca. 99.5 %	
Spray consistency	10 - 20 universal dilution	
Consumption	~150 ml/m ²	
IMPA Code	252107/08	
Temperature resistance	approx. +300 °C	
ISSA Code	53.402.67/68	

Surface pre-treatment

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

Processing

Bring the containers to room temperature (+20°C) and stir the sediment well. Apply WEICON Metal Pigment Coatings evenly with a brush or roller. Stir at regular intervals during application to ensure that the active substance remains homogeneous. Alternatively, application by spray gun is possible (for spray consistency see technical data). High application temperatures up to max. +30°C and low humidity favour an even spreading pattern and an optimal surface structure. WEICON Metal Pigment Coatings can also be applied to surfaces with temperatures down to -10°C. At temperatures in the negative range, the surface has a slightly poorer structure. Due to the very slow evaporation of solvents and slower curing, the applied varnish tends to form "tears" on vertical surfaces.

Storage

Keep away from ignition sources - do not smoke. Take measures to avoid electrostatic charge. Store in tightly closed original container. Do not store with flammable materials. Keep container in a cool, well-ventilated location. Protect from warming/overheating.

Safety and health

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.

Accessories

15810001	Adapter for WSD 400, 1 PCE
15811002	Spray Set for WSD 400, 1 PCE
15811400	WSD 400 Pressurized-Air Spray Can, 400 ml
15831001	Adjusting Valve for cans, 28 PCE
15841500	Pump Dispenser WPS 1500, 1,5 L
15841501	Extension tube for WPS 1500, 1 PCE
15843001	WEICON Pump Dispenser Special, 500 ml

Available sizes:

15002375	Aluminium Paint, 375 ml
15002750	Aluminium Paint, 750 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 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.

Aluminium Paint

Surface and anti-corrosion coating

To the product detail page:



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

WEICON Czech Republic s.r.o. Czech Republic phone +42 (0) 417 532 013 info@weicon.cz

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

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

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

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

WEICON Italia S.r.L. Italy phone +39 (0) 010 2924 871 info@weicon.it

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

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