

Brushable Zinc Paint



efficient cathodic corrosion protection

WEICON Brushable Liquid Zinc Paint is a metal pigment coating used to actively and permanently protect metallic substrates against corrosion.

Brushable Liquid Zinc Paint uses high concentration and pure spherical (round) metal pigments. The high amount of zinc in the coating ensures efficient cathodic corrosion protection. For repairs and coatings of frames, gates, doors, balustrades, poles, posts, machine parts etc.

If the surface is damaged, the zinc molecules react with the air humidity to form zinc oxide molecules which protect the base material from corrosion.

Technical Data

colour shade/ level of brilliance	zinc-grey / matt
Binding agent	epoxy resin ester
Pigment	Zinc pigments (D50 4 µm)
Pigment purity	approx. 98,5%
specific weight	1,96 g/cm ³
Percentage of metal in dry film	60,5 %
Viscosity (DIN EN ISO 2431)/ Consistency	approx. 70 s 4mm/stretchable
Processing temperature	+18 to +30 °C
Consumption	120 ml/m ²
Spray consistency	10 - 20% universal thinning
Dust dry after	30 min.
Hardened after	12 h
Recoatable/can be reprimed after	12 h

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.

Final hardness after	48 h
Minimum layer thickness	50 µm
Cross-cut test (DIN 53151)	characteristic value GT 0 to GT 1
Salt spray test (DIN 50021/DIN EN ISO 9227)	400 h
Mandrel bend test mandrel 5mm DIN EN ISO 1519	no hair cracking
Primer	not required
Storage stability	12 - 18 months
Temperature resistance	approx. +400 °C
ISSA-Code	53.402.62/63
IMPA-Code	25 21 03/04

Surface pre-treatment

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

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Technical Datasheet

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Available sizes:

15000375	Brushable Zinc Paint 375 ml
15000750	Brushable Zinc Paint 750 ml
15000902	Brushable Zinc Paint 2,5 L

Accessories:

10953001	Processing Spatula, short
10953003	Processing Spatula, long
11202400	Sealant and Adhesive Remover, 400 ml
11207400	Surface Cleaner, 400 ml
11850200	Hand Protective Foam, 200 ml

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