

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.

The paint contains highly concentrated 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. These properties comply with corrosion protection in line with DIN EN ISO 1461.

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%
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
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	not required
Temperature resistance	approx. +400 °C
ISSA-Code	53.402.62/63
IMPA-Code	252103/04

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) must be observed.

Available sizes:

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

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.

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