

Brushable Zinc Coating



Repairs of galvanized surfaces Colour to match hot galvanized surfaces

WEICON Brushable Liquid Zinc Coating provides active protection against corrosion for all metallic surfaces.

With Brushable Liquid Zinc Coating, flaky metal pigments settle parallel to the surface in several, spatially displaced layers on the substrate (shingle effect). Even when the layer thickness is low, a high corrosion protection is achieved. These properties comply with corrosion protection in line with DIN EN ISO 1461.

This results in a long-term protection from moisture. Optimal corrosion protection is achieved in connection with the simultaneous electro-chemical effect.

Technical Data

Colour shade/ level of brilliance	galvanized / metallic shine
Binding agent	alkyd resin
Pigment	zinc- and aluminium pigments (D50 25 µm)
Pigment purity	approx. Al 99,5% and Zn 99,9%
Percentage of metal in dry film	58,5 %
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. +240 °C
ISSA-Code	53.402.60/61
IMPA-Code	252101/02

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.

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:

15001375	Brushable Zinc Coating 375 ml
15001750	Brushable Zinc Coating 750 ml
15001902	Brushable Zinc Coating 2,5 L

Accessories:

10953001	Processing Spatula,
10953003	Processing Spatula,

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