

Zinc Spray

Revision: 6/01/2022

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Technical data

Basis	Mixture of zinc compound with epoxy-ester
Consistency	Fluid
Curing system	Physical drying
Curing speed *	Cured and paintable after 24 hours
Total solid content	46 %
Volatile Organic Compounds (VOC)	Ca. 54 %
Drying time (23°C and 50% R.H.)	Dust dry after 10-15 min, tack-free after 20-30 min
Temperature resistance**	-30 °C → 350 °C
Application temperature	5 °C → 35 °C
Yield	Ca. 1.5 m ²

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

Zinc Spray is a high-grade zinc spray with sprayable zinc compound (98% zinc).

Properties

- Good resistance against mechanical shocks, rubbing and erosion
- Very economic, effective and reliable
- Also suitable for spot welding
- Good electrical conductor
- Contains 98% zinc

Applications

- Due to its cathode action, the spray is very economic and effective.
- To be used for coachwork, gutter braces and weld joints, also suitable for spot welding.
- Zincspray has a galvanizing action. Protects zinc and unprocessed iron and steel against corrosion.

Packaging

Colour: matt grey

Packaging: 400 ml aerosol

Shelf life

3 years in unopened packaging in a dry and cool environment at temperatures between +5°C and +25°C.

Substrates

Substrates: metals, metal, damaged surfaces

Nature: rigid, clean, dry, free of dust and grease.

Surface preparation: Remove rust.

We recommend a preliminary adhesion test on every surface.

Application method

Application method: Apply on dry and grease-free surface, remove old loose paint and rust first. Shake can well before use. Apply on dry ground and dry conditions. Spray at a distance of appr. 20 cm of the object. Shake the canister thoroughly before applying each layer. Apply the zinc spray always in 2 layers with an interval of min. 2 hours (repaintable after 24 hours with finishing coat).

Health- and Safety Recommendations

Take the usual labour hygiene into account.

Use only in well-ventilated areas.

Dangerous. Respect the precautions for use.

Remarks

- After use, spray the aerosol upside down for about 3 seconds to clean the valve until only propellant comes out. Thus avoiding the valve becomes blocked with zinc residues.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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Standards and certificates

- Conforms to ASTM 780-93

Liability

The content of this technical data sheet is the result of tests, monitoring and experience. It is general in nature and does not constitute any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

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