



# ZINGASPRAY

ZM-RE-PRO-04-A (01/08/06)

The film galvanising system Zingaspray is a coating that contains 96% zinc in the dry film and provides cathodic protection to ferrous metals. It is ideal for the repairing and touching-up of damaged or old hot-dip galvanisation, ZINGA and other zinc systems.

## Physical data and technical information

### • Wet product

Components	- Zinc powder - Aromatic hydrocarbons - Binder
Density	1,20 Kg/dm <sup>3</sup> (± 0,05 Kg/dm <sup>3</sup> ) at 20 °C
Propellant	Dimethylether
Content	Liquid
Flashpoint	-41 °C (~ propellant)

### • Dry film

Colour	Metal
Special features	- Good resistance to mechanic shocks, abrasion and erosion - Very economical - Efficient and solid - Ideal for spot welding - Good electric conduction - Contains 96% Zinc in the dry film (pure to 99,995%) - Use on decontaminated rust
Temperature resistance dry film	- Minimum -40 °C - Maximum +120 °C

### • Packing

500 ml	Spray can
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### • Conservation

Shelf life	2 years in unopened packing stored vertically in a dry place with a temperature between min +5 °C and max +40 °C (preferably at room temperature ±18 °C)
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## Application data

### • System recommendations

Ground	- On ferro-metals and damaged zinc surfaces - Dry - Dust- and oil-free - Degrease (NEVER use White Spirit) - Roughen to Rz 50-70 µm
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- **Coverage and consumption**

Theoretical coverage	4 m <sup>2</sup> /Kg
Practical coverage	Depends upon the roughness profile of the substrate and the application method

- **Environmental conditions during application**

Ambient temperature	- Minimum +5°C - Maximum +40°C
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- **Drying process and overcoating**

Drying time	For 40 µm DFT at 20°C in a well-ventilated environment: - Touch-dry: after 10 min. - Dry to handle: after 1 hour - Fully cured: after 48 hours ready for immersion: after 2 hours
Overcoating	- Always use 2 layers the second of which is applied as soon as the first one is touch-dry - With other quick-drying and compatible paint systems after 4 to 8 hours (depending on the drying process)
Re-liquidising	Each new Zingaspray layer makes the previous one liquid again so that both layers form one homogeneous film

- **Special instructions**

<ul style="list-style-type: none"><li>- Zingaspray must be shaken thoroughly before application (shake the can vigorously for minimum 30 sec after liberating the balls)</li><li>- After use, do not turn the spray to empty the valves, this will decrease the air pressure</li><li>- Always store the spray can vertically at room temperature</li></ul>
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For more specific and detailed recommendations concerning the application of Zingaspray, please contact the Zingametall representative. For detailed information about the health and safety hazards and precautions for use, please refer to the Zingaspray **safety data sheet**.

Waiver\*

\* The information on this sheet is merely indicative and is given to the best of our knowledge based on practical experience and testing. The conditions or methods of handling, storage, use or disposal of the product cannot be controlled by us and are therefore outside our responsibility. For these and other reasons we retain no liability in case of loss, damage or costs that are caused by or that are linked in any way to the handling, storage, use or disposal of the product. Any claim concerning deficiencies must be made within 3 months upon reception of the goods quoting the relevant batch number. We retain the right to change the formula if properties of the raw material are changed. This data sheet replaces all former specimens.