



ALUFER WR

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

Alufer WR is a one pack moisture curing polyurethane, pigmented with micaceous iron which can be applied on Alufer N or directly onto Zinga.

The advantages of this product are:

- resistance to abrasion and chemicals
- dirt repellent

Physical data and technical information

- **Wet product**

Components	- micaceous iron oxides - aluminium silicates
Binder	moisture curing aromatic polyisocyanate prepolymers
Density	1,39 Kg/dm ³ (± 0,03 Kg/dm ³) at 20°C
Solid content	- 80% by weight (± 2%) - 68% by volume (± 2%)

- **Dry film**

Colour	Grey and pastel colours
Gloss	Mat

- **Packing**

4 Lt	available
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- **Conservation**

Storage	1 year in closed original packing, stored between - 40° C and + 40° C. Keep the tins well closed in order to avoid polymerisation by humidity contact.
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Application data

- **Surface preparation**

When the waiting time between the application of the primer or sealer and the Alufer WR is abnormally long, or in extremely polluted areas, the surface to be painted becomes contaminated. Any contaminants which can hamper the adhesion of the paint should be removed by appropriate methods. Surfaces contaminated by oil or grease should be washed down with solvent, alcoholic solution or emulsifier. Salt deposits or other water soluble contaminants should be removed by washing with water and brush or steam jet. Let the surface dry and remove all dust.

- **Coverage and consumption**

Theoretical coverage	- for 40 µm DFT: 17 m ² /Lt - for 60 µm DFT: 11,3 m ² /Lt
Practical coverage	depends upon the roughness profile of the substrate and the application method



- **Environmental conditions during application**

Ambient temperature	- minimum 0°C - maximum 40°C
Relative humidity	- minimum 30% - maximum 95%
Surface temperature	- minimum 3°C above the dew point

- **Drying process and overcoating**

Drying time	- dustdry: 30 minutes - tackfree: 1,5 hours - dry: 3 hours - recoatable: after 12 hours
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Instructions for use

- **Application by brush and roller**

Dilution	Ready for use
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- **Application by spraying with air**

Dilution	5 to 15% (by weight) with Thinner 41 or Thinner 1
Pressure at the nozzle	3 to 4 bar
Nozzle opening	1,2 to 1,6 mm

- **Application by airless spraying**

Dilution	0 to 8% (by weight) with Thinner 41 or Thinner 1
Pressure at the nozzle	100 to 150 bar
Nozzle opening	0,38 to 0,53 mm (0,015 to 0,021 inch)

For more specific and detailed recommendations concerning the application of Alufer WR, please contact the Zingametall representative. For detailed information about the health and safety hazards and precautions for use, please refer to the Alufer WR **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.