

WATERPROOFS

METALS

A vertical column of water droplets and splashes, varying in size and shape, set against a white background. The droplets are rendered in shades of blue and white, with some showing motion blur.

PRODUCT DATA SHEET

LIQUID METAL COATING



WATERPROOFS
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DESCRIPTION

Rust preventive coating based on water dispersed high polymers.

MAIN PROPERTIES

Waterproof - elastic (200 %) - impact resisting - free from lead.

Excellent protection against rust, weather influences and many chemicals.

RECOMMENDED USES

1. On iron, steel, special alloys, galvanised and metallised iron and steel, aluminium, copper, zinc, lead, etc. as rust prevention or waterproofing.
2. Diluted with 25% water as an adhesion primer coat on slightly or non porous substrates such as glass, smooth bricks and concrete, ceramics, tiles, etc.

TECHNICAL DATA

Appearance:

Satin gloss (gloss 60°: $\pm 20\%$)

Colour:

English red, grey-green, beige-grey, white, black, brown, blue, moss green, reseda green, gravel grey, greyish white

Density:

1,2 - 1,3 g/cm³

Solids Content:

In volume: $55 \pm 3\%$

In weight: $62 \pm 3\%$

Recommended film thickness:

Wet film: 320 micron per coat (cons.: 400 g/m²)

Dry film: 175 micron per coat (cons.: 400 g/m²)

Flashpoint:

Not flammable

VOC-content:

15 g/l max.

Ready-to-use-mixture:

15 g/l max.

Category:

A/i

UE Limit values:

140 g/l (2007) / 140 g/l (2010)

Drying times:

20°C/50% r.h.

Dust free:

1 1/2 hours

Rain resistance:

3 hours

To recoat:

24 hours

Full hardness:

± 2 week

COVERAGE

Theoretical:

Brush/roller: 200 - 300 g/m²/coat

Airless: 300 - 500 g/m²/coat

Total consumption for optimal rust preventive protection: 800 g/m² = 350 μ m dry film thickness.



The information contained herein is given in good faith. However, since application conditions are beyond our control, WATERPROOFS cannot assume responsibility for any risks or liabilities which may result from the use of these products. The company reserves the right to modify data without prior notice.

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Practical:

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION

Remove grease, oil and all other surface contaminations by alkaline or high pressure (steam) cleaning (max. 200 Bars) in combination with appropriate detergents.

The substrate has to be dust free and made rust free by means of sandblasting (Sa2, St2) or high pressure water jetting (min. 600 Bars).

After jetting, the substrate has to be dust free.

On new galvanised surfaces, new zinc, aluminium, stainless steel, apply first a coat of WATERPROOFS Primer Type C.

On ferrous substrates, apply WATERPROOFS Metals in red or grey as the first coat. In all instances apply contrasting WATERPROOFS Metals colours for subsequent layers.

DIRECTION FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

APPLICATION ET DILUTION

Brush:

Undiluted as a rust preventive paint.
Diluted with approximately 25% water as an adhesion primer (consumption about 100 g/m²).

Roller:

Undiluted as a rust preventive paint.
Diluted with approximately 25% water as an adhesion primer (consumption about 100 g/m²).

Airless spray:

Undiluted. Nozzle: 13 - 17 / Pressure: min. 170 bars.
Nozzle and pressure can vary depending on the type of substrate, equipment and the experience of the applicator.

Cleanup:

Water

Remarks:

When used for interior works, provide for adequate ventilation. During work stoppage, fully immerse brush or nozzle in water.

APPLICATION CONDITIONS

Temperature between 8 and 55°C / Air humidity max. 80% R.H.

REMARKS

Product is recoatable after 24 hours with itself, Coating PRT, high gloss alkyd enamels, high and satin gloss acrylic dispersion paints.



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SAFETY

Consult Safety Data Sheet and Safety Information printed on the can. The substrate temperature must be at least 5°C above dew point.

SHELLIFE / STORAGE CONDITIONS

4 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° et 35°C.



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