

# MARCOTECH AU METAL PRIMER

UNIVERSAL WATER-BASED ANTI-FLASH RUST PRIMER

code 3320807

## DESCRIPTION

Single component anti-rust waterborne primer with a modified acrylic-urethane base and special additives with protection/preserving action against rust. Specifically for iron, cast iron, galvanized sheet iron and light alloys, it has excellent adhesion, and a high capacity to fill and cover edges. Provides very good anti-flash rust effect to prevent the formation of flash rust. Guarantees excellent results quickly.

## INSTRUCTIONS FOR USE

The product is suitable for exterior and interior use and can be applied directly on:

- ferrous metal, cast iron, etc.; on new, old or previously painted surfaces;
- such as gates, railings, metal window frames, etc..
- galvanized sheeting which is largely affected by corrosion or which features a drastic decrease in the thickness of the zinc.

MARCOTECH AU METAL PRIMER is a primer and must be painted over with a top coat finishing system.

DO NOT RECOAT with nitrocellulose-based products, or products thinned with nitro thinner.

## TECHNICAL SPECIFICATIONS

- Type of the Binder: Modified acrylic-urethane copolymer in aqueous dispersion.
- Special components: organic-inorganic hybrid rust inhibitor.
- Solvent: water
- Specific gravity per UNI EN ISO 2811-1:  $1.28 \pm 0.05$  kg/l.
- Viscosity per UNI 8902:  $2500 \pm 250$  cps at 25 °C (Brookfield rotational viscometer).
- Drying (at 25 C and 65% R.H.): to touch 30 hours, to recoat after 4-5 hours.

## PREPARING THE SURFACE

Ferrous metal and cast iron surfaces:

- Mechanically or manually remove any flakes not perfectly bonded to the surface and any traces of rust.
- Remove any peeling old paintwork and sand the whole surface.
- In case of new surfaces, degrease the support with a suitable diluent.
- Remove all traces of dust and dirt.
- Apply MARCOTECH AU METAL PRIMER to a perfectly dry surface.

For cast iron surfaces, depending on the type of mechanical cleaning performed, apply one or two coats of MARCOTECH AU METAL PRIMER.

Partially rusted galvanised surfaces:

- Remove any traces of oxide with a mechanical cleaner or manually.
- Degrease thoroughly with suitable alkaline solutions or a diluent.
- Eliminate any traces of dust and apply one coat of MARCOTECH AU METAL PRIMER.

## APPLICATION INSTRUCTIONS

Air and surface conditions:

Air temperature: Min. +8 °C / Max. +35 °C.

Relative humidity of the air: <75%.

Temperature of the surface: Min. +5 °C / Max. +35 °C.

- Avoid applying the product when there is condensation on the surface, or in direct sunlight.

- Tools: brush, short-bristle wool roller, spray gun.

- Stir the product thoroughly before thinning.

- Diluting: with water

.by brush and roller at 0-5%

.by spraying at 10-15 %

- N coats: 1-2 coats, depending on the type of surface.

- Tools should be cleaned immediately after use using water.

- Indicative spreading rate: 14-16 sq m/l per coat.

## COATABILITY

- After at least 4-5 hours with water-based top coat MARCOTECH AU 10 and 40 only for interior, or line UNIMARC for interior and exterior.

- After at least 24 hours with synthetic top coats (GLOBAL LUCIDO or SATINATO, SINTOLIN, KIRON 70).

## TINTING

The product is available in the colour grey.

## STORAGE

Maximum temperature for storage stability: +30 °C

Minimum temperature for storage stability: +5 °C

The product should be preferably used within 3 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

## SAFETY RULES

Limit value EU (Dir. 2004/42/EC)

Cat. A/i: One-pack performance coatings (water-base): 140 g/l (2010)

MARCOTECH AU METAL PRIMER Contains max: 140 g/l VOC

The product does not require labelling in accordance with 67/548/EEC and 1999/45/EC and its subsequent changes and updates. Use the product in accordance with the hygiene and safety regulations in force; avoid litter with the containers, allow the remains to dry well and treat as special waste. Keep out of the reach of children. Use in an airy place.

For further information consult the safety data sheet.

## SPECIFICATION ITEM

Water based anti-rust primer for ferrous metals.

On already prepared surfaces, apply one or two coats (depending on the indicated coverage) of water based anti-rust MARCOTECH AU METAL PRIMER code 3320807, with an acrylic-urethane resin base modified in aqueous dispersion and anti-rust pigments.

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Supply and installation of the material € ..... per  
sq.m.

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