

# PRIMER

ALL-PURPOSE ANTICORROSIVE PRIMER FOR DIFFICULT SURFACES

code 1630307

## DESCRIPTION

PRIMER is a single component primer with an anticorrosive synthetic polymer and pigment base, features a high level of elasticity and adhesion, particularly suitable for difficult surfaces such as galvanized sheeting, copper, aluminium, light alloys, PVS, etc..

PRIMER is characterized by remarkable anticorrosive power, excellent flow and good filling power, and in addition can be painted over with a number of different types of enamels.

## INSTRUCTIONS FOR USE

The product can be applied on:  
ferrous metals, galvanized sheeting, copper, aluminium, light alloys, PVC, even in particularly harsh environmental conditions.

## TECHNICAL SPECIFICATIONS

- Nature of the binder: modified alkyd resin
- Anticorrosive pigments: zinc phosphate
- Specific gravity per UNI EN ISO 2811-1:  $1.27 \pm 0.05$  kg/l.
- Viscosity per UNI 8902:  $850 \pm 30$  cps (Rotothinner viscometer at 25 °C)
- Drying time: (at 25 C and 65% R.H.): to touch in 2 hours; through drying after 24 hours; to recoat after 12 hours.

## PREPARING THE SURFACE

Ferrous metalwork never previously painted:

- Remove any compact and adherent calamine and all traces of rust by means of commercial-type sandblasting (Grade SA2), or clean mechanically or manually.
- Dust the surface, make sure it is completely dry and apply the PRIMER.
- In the case of new surfaces which do not feature calamine or rust, simply remove any grease from the surface using cleaning thinner.

Painted ferrous metalwork:

- Remove any layers of old flaking paint and any rust by means of mechanical or manual cleaning, rub down in order to coarsen any old paint which is still perfectly adherent.
- Remove dust from the surface.
- Apply the PRIMER on perfectly dry surfaces.
- In the case of considerably deteriorated surfaces, it is advisable to remove any old paint and rust completely by means of grade SA2 1/2 sandblasting, or using the SVERNICIATORE SM10 paint remover cod. 5610014 followed by careful mechanical or manual cleaning.
- Any surfaces sandblasted down to reveal the original shine of the metal must receive their base coat of PRIMER after no more than 8 hours.

Galvanized aluminium or light alloys:

- Remove all traces of oxide by means of mechanical or manual cleaning.
- Carefully remove any grease using suitable alkaline solutions or thinner.

- Remove all traces of dust and proceed with the application of PRIMER on a perfectly dry surface.

Plastic (PVC):

- Sand the surface in order to coarsen it slightly.
- Remove any grease from the surface and clean.
- Apply the PRIMER on perfectly dry surfaces.

## APPLICATION INSTRUCTIONS

Air and surface conditions:

Air temperature: Min. +5 C / Max. +35 C.

Relative humidity of the air: <80%.

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

Humidity of the surface: <10% R.H..

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

- Tools: brush.

- Stir the product thoroughly before thinning.

- Thinning: with Thinner for quick-drying enamels 5070712 at 5%.

- Application by spraying gun may be applied only in authorized factory (Dir. 2001/42/EC), thinning at 20% with Thinner 5070712.

- Tools should be cleaned immediately after use using Thinner for quick-drying enamels 5070712.

- Indicative spreading rate: varies depending on the type of surface.

On new galvanized surfaces, light alloys, and PVC, one coat of product with a spreading rate of 12-13 sq m/l is sufficient, corresponding to a thickness of 30 microns.

On partially rusted ferrous or galvanized surfaces, apply 2 coats of product, allowing at least 12 hours between coats, with a spreading rate of 6-7 sq m/l (based on 2 coats), equivalent to a thickness of 60 microns.

- COATABILITY after at least 12 hours with:

Alkyd enamels (GLOBAL, SINTOLIN, KIRON 70)

Water-based enamels (UNIMARC line)

Quick-drying enamels (MARCORES)

## TINTING

The product is available in the grey colour.

## 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 (solvent-base): 500 g/l (2010)

PRIMER contains max: 500 g/l VOC

Flammable liquid and vapour. May cause respiratory irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

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The product must be transported, used and stored in accordance with the standards in force regarding hygiene and safety; after use, do not litter, let residues dry out completely and treat them as special waste. Consult the safety data sheet for additional information.

## SPECIFICATION ITEM

Applications, on previously prepared surfaces, of PRIMER All-purpose anticorrosive primer cod. 1630307 - with anticorrosive modified alkyd resin and pigment base - with 1-2 coats of quantities determined by the absorption of the surface for a minimum consumption of 80 ml/sq m on new galvanized surfaces, light alloys, PVC and of 140 ml/sq m on partially rusted ferrous/galvanized surfaces (consumption based on 2 coats).

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

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