

## MARCOTECH AU METAL PRIMER S.332

Universal anticorrosive water-soluble primer anti-flash-rust

One component primer based on acrylic-urethane resins and passivating/preserving additives from corrosion. It prevents the propagation of instantaneous rust (anti-flash-rust) and has a high capacity of adhesion to metal surfaces. The particular combination of its components gives the product excellent hardness, abrasion resistance, high fullness and coverage of edges.

### Where is it used

- Interior and exterior.
- New or previously painted surfaces properly prepared: iron, galvanized blade, cast iron and light alloys.

### Why MARCOTECH AU METAL PRIMER

#### Instant anti-corrosion effect

It blocks the formation of rust immediately (anti-flash-rust), prevents the corrosion phenomena maintaining the long integrity of the metal.

#### Excellent coverage of the edges

The high fullness and texture of the product allow easy coverage of any uneven surface.

#### High adhesion

The special formulation promotes adhesion and creates the ideal base coat for subsequent painting with water soluble enamels of the Unimarc range or synthetic solvent-based.

#### Long durability

Makes the ideal base coat for finishes particularly resistant to atmospheric agents.

#### Easy and rapid to use

Excellent results in a short time.

### How to apply

Tools: brush, short-hair roller, spray.  
Dilution with water: by brush and roller at max 5%; by spray at 10-15%.  
Number of coats: 1-2  
Indicative spreading rate: 14-16 m<sup>2</sup> / l per coat.  
Drying at (25 ° C and 65% RH): to touch 3 h, recoatable after 4-5 h..

### Preparation of the support surfaces

#### Ferrous metal surfaces:

- The substrate must be free of old paint loose, rust, non-adherent scale laminations, degreased and pickled.
- Sand the entire surface.
- When the support is perfectly clean and dry, apply Marcotech Au Metal Primer.

#### Partially rusted galvanized surfaces:

- Remove all traces of oxide by mechanical or manual cleaning.
- When the support is perfectly clean, degreased and dry, apply Marcotech Au Metal Primer.

#### Overcoating after at least 4-5 hours with:

- Water soluble enamels MARCOTECH AU10/40 for interior finishes, interior and exterior with UNIMARC enamels
- Synthetic enamels GLOBAL LUCIDO or SATINATO, SINTOLIN, KIRON 70 (after 24 hours).



Available in the following sizes: 0,750 l and 2.5 l.

WATER SOLUBLE ACRYLIC-URETHANE RANGE

# MARCOTECH

MARCOTECH AU10  
MARCOTECH AU40  
MARCOTECH AU METAL PRIMER  
MARCOTECH AU 3D

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## Marcotech range

One of the hallmarks of Colorificio San Marco is the steadfast commitment to innovation, with the aim to play ahead of the market needs as well as to better respond to the direct needs of users.

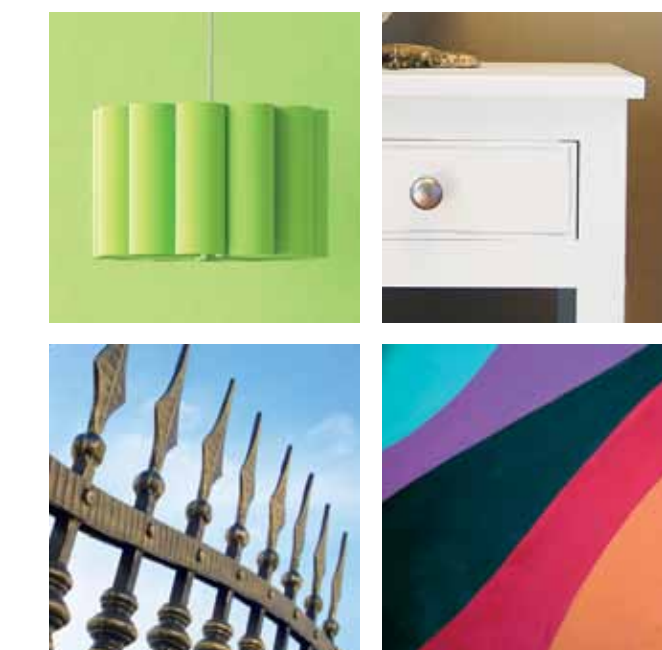
The Research and Development laboratories have developed the Marcotech AU range, a selection of technical products, water soluble and high performance due to their formulation, acrylic-urethane resin-based and selected pigments. The urethane and acrylic components give these products a high superficial resistance and the right elasticity.

Specifically designed for professional use, Marcotech AU products are also suitable for the private user for their ease of application and the excellent final aesthetic result.

They achieve extraordinarily elegant finishes and high-performance substrates, practical and rapid use, because they are diluted with water. Not to mention that the tools can be cleaned easily, under running water.

The Marcotech AU products represent a selection of products for the protection and finishing of new supports or maintenance of existing buildings.

In this folder it is proposed a product mix well integrated with the existing products in the San Marco price list, in order to provide responses to specific needs of protection and finishing of wooden supports, metal, concrete and PVC.



The range consists of

- MARCOTECH AU10** Water soluble enamel for flat lacquered finishes
- MARCOTECH AU40** Water soluble enamel for semi-gloss lacquered finishes
- MARCOTECH AU METAL PRIMER** Universal anticorrosive water-soluble primer anti-flash-rust
- MARCOTECH AU 3D** Waterborne acrylic-urethane satin finish for concrete floors



made in italy

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## MARCOTECH AU10 AU40 and S.314

Water soluble enamel for flat/semi-gloss lacquered finishes



Urethane modified acrylic resin in aqueous dispersion and coloured pigments with good lightfastness and resistance to yellowing. Used for creating high quality lacquered finishes and is particularly recommended for doors, shutters and frames thanks to its elevated surface hardness, abrasion and scratch resistance. Low sensitivity to contact with greasy substances (creams, skin grease and oils)

The ease of application and fast drying enable to perform the work in a very short time.

Absence of blocking phenomena.

### Where is it used

- Protected interiors and exteriors.
- New or previously painted surfaces properly prepared: wood, metal and plastic.
- Ideal for working on doors, windows, baseboards, small furniture.

### Why choose the MARCOTECH AU enamel

#### Lacquered effect

Enables to reproduce "lacquer type" finishes of high quality aesthetics. Its features make it ideal for working on doors, windows, baseboards, small furniture.

#### Excellent surface hardness

The use of acrylic and urethane resins confers on the products Marcotech Au a high surface resistance and the proper elasticity.

#### Long durability

It realizes finishes particularly resistant to abrasion and substances normally present in the home such as oil, grease, coffee, wine.

#### Excellent coverage

Its special formulation gives the product excellent coverage both dry and wet.

#### Easy and fast drying

Excellent results in a short time.



Available in the following sizes: 0,750 l and 2.5 l.

### How to apply

Tools: short-hair roller, spray, brush.

Dilution with water: by brush and roller ready to us at 5% max; by spray at 15%.

Number of coats: 2 coats.

Indicative spreading rate: 12-14 m<sup>2</sup> / l per coat.

Drying (25 ° C and 65% RH): to touch 3 h, recoatable after 6 h.

### Preparation of the support surfaces

#### Wood surfaces:

- Sand lightly to remove the wood fibers raised; remove any layers of old flaking and coarsen all the painted surfaces.
- Apply on clean and dry surface, two coats of the base UNIMARC FONDO UNIVERSALE series 335 or opaque base coat MARCONOL ORIENTALITE series 145.
- Apply 2 coats of MARCOTECH AU10/40.

#### Ferrous metal surfaces:

- Remove all traces of rust, parts not perfectly adherent, and any coat of not cohesive old paint and sand the whole surface.
- Apply on a perfectly degreased, cleaned and dry surface 2 coats of UNIMARC ANTIRUGGINE cod. 3310107 or CROMO K70 series 194 on exposed surfaces.
- Apply 2 coats of MARCOTECH AU10/40.

#### Galvanized surfaces, aluminum and light alloys:

- Remove all traces of rust, parts not perfectly adherent, and any coat of not cohesive old paint and sand the whole surface.
- Apply on a perfectly clean, degreased and dry surface, 2 coats of UNIMARC ANTIRUGGINE cod. 3310107 or one component PRIMER code. 1630307 on surfaces particularly exposed.
- Apply 2 coats of MARCOTECH AU10/40.

#### Surfaces in plastic material (PVC):

- Sand the surface to coarsen it slightly.
- On the clean, degreased and dry surface, apply two coats of UNIMARC FONDO UNIVERSALE series 335.
- After minimum of 6 hours apply 2 coats of MARCOTECH AU10/40.



Available in the following sizes: 0,750 l and 2.5 l.



## MARCOTECH AU 3D S.317

Waterborne acrylic-urethane satin finish for concrete floors

Formulation based on urethane modified acrylic resin in aqueous dispersion and coloured pigments with good lightfastness and resistance to yellowing. It enables to create surfaces with high surface hardness, resistance to abrasion and repeated treatments, low dirt retention and easy to clean.

Specially designed to withstand the demands of any concrete paving of warehouses, shops, waiting rooms, garages, domestic garage, MARCOTECH AU 3D is the ideal finish for interior walls where is required a surface with excellent mechanical resistance and easy to clean.

### Where is it used

- Interior and exterior.
- Concrete surfaces - horizontal and vertical - new and previously painted properly prepared.
- Ideal for cement floors of warehouses, shops, waiting rooms, garages, home and garage and on walls subject to stress.

### Why MARCOTECH AU 3D

#### High resistance

It realizes flooring with excellent surface hardness, resistance to abrasion and repeated trampling.

#### Excellent resistance to dirt

Ensures the treated surfaces a low dirt retention and at the same time easy maintenance and cleaning.

#### High adhesion

Its special formulation allows a high level of adhesion.

#### Long durability

It realizes finishes particularly resistant to abrasion and repeated trampling.

#### Easy and fast drying

Excellent results in a short time.

#### Anti-slip

Where required, with non-slip additive can be created anti-slip surfaces.

#### Wide choice of colors

Available in white, red, gray and neutral base to be tinted dispenser, to create a wide selection of colors medium-intense.

To increase the clutch to the trampling is possible to add MARCOTECH ADDITIVO ANTISDRUCIOLO 0780001 inside the product (maximum 100 g of additive per liter of MARCOTECH AU 3D) in the application of the first coat.



### How to apply

Tools: brush, short hair roller, spray.

Dilution with water: 10-20%.

Number of coats: 2.

Indicative spreading rate: 14-16 m<sup>2</sup> / l per coat.

Drying (25 ° C and 65% RH): to touch 1 h, recoatable after 5 h.



Available in the following sizes: 0,750 l and 2.5 l.



### Preparation of the support surfaces

#### Concrete floors:

- Make sure that the surface is completely dry and completely matured.
- Check the condition of conservation. The surface must be consistent and not tend to crumble. Otherwise resurface or consolidate with specific products.
- Level any surface irregularities. Holes, cracks and depressions can be treated with cement-based products.
- Check the conditions of the previous paintings. The parties not perfectly adherent must be removed.
- Remove any dust or smog by brushing or washing.
- If conditions permit it, use as a fixative ATOMO 8840001.
- Apply two coats of the diluted product.

#### Plasters:

- Make sure that the surface is completely dry and completely matured.
- Check the condition of conservation. The surface must be consistent, free of non-cohesive parts or efflorescence. Use specific products.
- Level surface irregularities. Holes, cracks, crevices and gaps inside can be treated with BETOMARC 9450150 or 9440160 or RASAMIX or with cement-based products.
- Sand putty and touch-ups with sandpaper.
- Remove any dust or smog by brushing.
- If mold is present, treat the surface with COMBAT 222 Detergente 4810222, and with COMBAT 333 Risanante 4810333.
- Apply the micronized fixative ATOMO 8840001.
- Apply at least two coats of the product appropriately diluted.