

**SAN MARCO**  
is a brand of  
San Marco Group Spa

[www.san-marco.com](http://www.san-marco.com)

SAN MARCO GROUP  
Via Alta 10/A - 30020  
Marcon (Venezia), Italia

[info@sanmarcogroup.com](mailto:info@sanmarcogroup.com)  
+39 041 4569322  
[www.sanmarcogroup.com](http://www.sanmarcogroup.com)

# Unimarc Smalto Micaceo

WATER SOLUBLE ACRYLIC PROTECTOR WITH A MICACEOUS EFFECT FOR OUTDOOR AND INDOOR USE



SERIES 303

UNIMARC SMALTO MICACEO - V.2024-09-23

## DESCRIPTION

UNIMARC SMALTO MICACEO is an acrylic resin and lamellar extender based top coat which protects and decorates metallic supports.

Its special formulation produces:

- Barrier effect: its particular lamellar structure creates parallel extended layers inside the film, which block the penetration of water and atmospheric agents.
- Shield effect: the micaceous iron oxide and aluminium present in the product prevent ultraviolet radiation from reaching the underneath layers, delaying the deterioration of the binder.

For its aesthetic characteristics the product can be employed on various surfaces in order to create fine aesthetic effects.

## INSTRUCTIONS FOR USE

Can be applied on:

- supports in properly pre-treated ferrous metal;
- properly treated aluminium and light alloys;
- galvanized surfaces;
- plastic surfaces (PVC);
- supports in new or already varnished wood.

## TECHNICAL SPECIFICATIONS

- Type of Binder: synthetic resin in aqueous dispersion
- Pigments and extenders: micaceous iron oxides, aluminium
- Solvent: water
- Specific gravity per UNI EN ISO 2811-1:  $1,24 \div 1,28$  kg/l depending on the colours
- Viscosity on packing UNI 8902:  $10.000 \pm 1000$  cps a 25 °C (Brookfield rotational viscosimeter)
- Drying times (at 25 °C and 65% R.H.): touch dry in 1 hours; may be painted over after 4 hours

## PREPARING THE SURFACE

### Ferrous metal:

- Employ mechanical or manual cleaning methods to remove any flakes which, as a result of lamination, are not perfectly adherent, along with all traces of rust.
- Remove any layers of old paint which are not perfectly adherent and sand the whole surface.
- Remove any grease from the surface using suitable diluent.
- Eliminate all traces of dust and dirt.
- Apply MARCOTECH AU METAL PRIMER 3320807 on a perfectly dry surface, allowing at least 6 hours between coats.
- On surfaces particularly exposed to the elements, apply 1-2 coats of PRIMER 1630307 rust inhibiting paint as an undercoat.
- Apply 2 coats of UNIMARC SMALTO MICACEO.

### Aluminium and 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 any layers of old paint which are not perfectly adherent and sand the whole surface in order to coarsen it.
- Remove all traces of dust and, on a perfectly dry surface, apply 2 coats of UNIMARC SMALTO MICACEO.
- On surfaces particularly exposed to the elements, as an undercoat, of MARCOTECH AU METAL PRIMER 3320807 or PRIMER 1630307.

### Galvanized steel surfaces:

- Remove any grease using suitable diluent and clean the surface.
- On a dry surface, apply 2 coats of UNIMARC SMALTO MICACEO.
- On surfaces particularly exposed to the elements, or with degradation and spot rust, apply as an undercoat, of MARCOTECH AU METAL PRIMER 3320807 or PRIMER 1630307.

### Plastic (PVC):

- Sand the surface in order to coarsen it slightly.
- Remove any grease using suitable diluent and clean the surface.
- Apply 2 coats of UNIMARC SMALTO MICACEO on a perfectly clean and dry surface.

### Woodwork:

- Sand lightly in order to remove the raised wood fibres.
- Eliminate any coats of old flaking varnish and coarsen all the surfaces which have already been varnished.
- Remove any resin using suitable diluent.
- Fill the imperfections with synthetic filler. Rub down the fillings and eliminate any dust.
- Apply 2 coats of primer UNIMARC FONDO UNIVERSALE series 335 on a clean, dry surface, allowing at least 6 hours between coats or using mat primer MARCONOL ORIENTALITE 1450519.
- Sand the surfaces and then proceed with the application of 2 coats of UNIMARC SMALTO MICACEO.

## APPLICATION INSTRUCTIONS

### -Condizioni dell'ambiente e del supporto:

Temperatura dell'ambiente: Min. +8 °C / Max. +35 °C

Umidità relativa dell'ambiente: <75%

Temperatura del supporto: Min. +5 °C / Max. +35 °C

Umidità del supporto: <10%

Dry surfaces

- Tools: brush, roller or spraygun.
- Diluting: with water  
by brush and roller ready to use or at 5% max  
by spraying at 15%.
- N. coats: at least 2 coats.
- Tools should be cleaned with water immediately after use.
- Indicative spreading rate: 6-7 sq m/l based on 2 coats.

## TINTING

The product may be tinted by means of the Color Matching System.  
The product may also be tinted using COLORADO series 548 colorants.  
When using multiple batches it is recommended to remix the various products together to avoid slight differences in shading.

## 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

EU limit value (Dir. 2004/42/EC)  
Cat. A/d: Interior/exterior trim and cladding paints for wood, metal or plastic (water-base): 130 g/l (2010)  
The product contains max: 130 g/l VOC

Use the product according to current health and safety regulations; after use, do not discard the containers in the environment; allow the residue to dry thoroughly, then treat as special waste. Do not dispose of residues in the sewers, waterways or ground. For more information consult the safety data sheet.

## SPECIFICATION ITEM

Water soluble acrylic protector with a micaceous effect for indoor or outdoor use  
Application, on prepared surfaces of UNIMARC SMALTO MICACEO, synthetic resin in aqueous dispersion based, in the quantities determined by the absorption of the support.  
Supply and laying of the material € ..... per sq. m.