

# UNIMARC FONDO UNIVERSALE

MATT WATER DILUTABLE BASE COATING

series 335

## DESCRIPTION

UNIMARC FONDO UNIVERSALE is a water-based primer for exterior and interior use, based on acrylic resin in aqueous dispersion, which can be used wherever the hiding and levelling power of the finishing product is to be enhanced, assuring painting with greater filling power.

In order to fully meet the requirements of this particular use, the product features excellent filling power and proves easy to apply, with good dilatation. Once applied, the dry film can easily be sanded in order to provide the finishing product with a solid base to adhere to.

The very nature of the product means UNIMARC FONDO UNIVERSALE can be applied on surfaces of various kinds, even for protective systems for exterior use.

## INSTRUCTIONS FOR USE

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

-New, old or previously varnished woodwork; (doors, skirting boards, beams, panels, etc..)

Any other article made from wood requiring either professional or DIY painting.

- Non-anodized aluminium and galvanized surfaces.

- On masonry in houses, business premises, hospitals, for civil use in general.

- On plastic materials and PVC.

The product can NOT BE PAINTED OVER with nitrocellulose-based products, or products thinned with nitro thinner.

- Pay attention to the treatment of woods rich in tannin. To prevent the formation of unaesthetic dark stains apply UNIMARC PRIMER ANTITANNINO cod. 3080001/0019.

## TECHNICAL SPECIFICATIONS

-Type of binder: water-based acrylic copolymer.

-Solvent: water

-Specific gravity per UNI EN ISO 2811-1:  $1.33 \pm 0.05$  kg/l.

-Viscosity per UNI 8902:  $9000 \pm 800$  cps at 25 °C (Brookfield rotational viscometer) .

-Drying (at 25 °C and 65% R.H.): touch dry 2 hours, coatability after 6 hours.

## PREPARING THE 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 a Nitro Thinner.

- Fill the imperfections with synthetic filler. Rub down the fillings and eliminate any dust.

- Apply 2 coats of UNIMARC FONDO UNIVERSALE on a clean, dry surface.

- Complete the painting with a water-based enamel or quick-drying alkyd enamel.

Plaster surfaces:

- Make sure that the surface is thoroughly dried and aged.

Resurface or consolidate using specific products if

necessary.

- If mold is present, treat the surface with COMBAT 222 cleanser code 4810222, and with COMBAT 333 reconstruction code. 4810333.

- Brush or wash to remove any efflorescence and any old peeling paint. Completely eliminate any raised layers of lime-based or tempera paints.

- Remove any dust, smog or other deposits by brushing.

- Level any irregularities in the surface and treat holes, cracks, crevices and gaps with TAMSTUCCO 9400006/9410110. Use adequate sealants to seal any cracks.

- Sand putty and touch-ups with sandpaper; remove dust.

- Smooth if necessary with RASAMIX 9440160 or with BETOMARC 9450150 or RASOMARC 9500150 according to the type of support.

- On highly chalking surfaces, apply one coat of ISOMARC 4410111 solvent-based fixative or ATOMO 8840001 micronized solvent-free fixative.

- Apply 2 coats of UNIMARC FONDO UNIVERSALE on a clean, dry surface.

- Complete the painting with a water-based top coat or quick-drying alkyd top coat.

(The thinning of the sealer and the quantity to be applied depend on the level of absorption of the surface and should be determined by performing preliminary tests on the specific surface).

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.

- Apply 2 coats of UNIMARC FONDO UNIVERSALE on a perfectly dry surface.

- After at least 6 hours proceed with the application of the finishing product.

Plastic (PVC):

- Sand the surface in order to coarsen it slightly.

- Remove any grease from the surface and clean.

- Apply 2 coats of UNIMARC FONDO UNIVERSALE.

- After at least 6 hours proceed with the application of the finishing product.

## 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.

Dry surface.

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

-Tools: brush, roller, spray gun.

-Diluting: with water

.by brush and roller at 5-10%

.by spraying at 15-20%.

-N coats: 2 coats should be applied

-Indicative spreading rate: 4-5 sq m/l based on 2 coats, on surfaces featuring average absorption.

-Tools should be cleaned with water immediately after use.

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COATABILITY after at least 6 hours with:  
Water-based top coat UNIMARC line.  
Synthetic top coat (GLOBAL LUCIDO or GLOBAL SATINATO, SINTOLIN, KIRON 70)

## TINTING

Colours are obtainable via the Marcromie colour matching system and 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: Matt coatings for interior walls and ceilings (gloss  $\leq 25@60^\circ$ ) (water base): 75 g/l (2007) / 30 g/l (2010)  
Cat. D: Interior/exterior trim and cladding paints for wood, metal or plastic (water base): 150 g/l (2007) / 130 g/l (2010)  
UNIMARC FONDO UNIVERSALE Contains max: 30 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 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. Store out of the reach of children. Use in a well ventilated place. In case of contact with eyes, wash immediately with abundant running water. In case of ingestion, see a physician immediately and show him or her the container or label. Do not dispose of residues in the sewers, waterways or ground. For more information consult the safety data sheet.

## SPECIFICATION ITEM

Applications, on previously prepared surfaces, of UNIMARC FONDO UNIVERSALE Odourless mat water-based primer series 335 - with a water-based acrylic resin base - with at least 2 coats, of a quantity determined by the absorption of the surface  
Supply and application of the material €. .... per sq m.

*COLORIFICIO SAN MARCO guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets. For further technical information call the technical service +39 041 4569322.*

Colorificio San Marco Spa - Via Alta 10 - 30020 Marcon (VE) - Tel +39 041 4569322 - [www.san-marco.com](http://www.san-marco.com) - [info@san-marco.it](mailto:info@san-marco.it) - [export@san-marco.it](mailto:export@san-marco.it)

