

**SAN MARCO**

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# Unimarc Impregnante Legno

IMPREGNANT ODORLESS FINISH FOR EXTERIORS AND INTERIORS



SERIES 313

UNIMARC IMPREGNANTE LEGNO - V.2024-09-23

## DESCRIPTION

UNIMARC IMPREGNANTE LEGNO is a product based on water based acrylic/alkyd resins of new generation, for the impregnation and the finishing of wood indoor and outdoor.

High dry residue, it provides protection against UV rays, weathering and freeze / thaw cycles.

The innovative formulation allows controlled surface erosion in the product over time, avoiding flaking. It ensures easy maintenance, and even after years from its application it is not needed sanding to remove the product before recoating.

Highly breathable, revives shades leaving visible the original veining. Excellent elasticity, able to follow natural structural variations of the wood.

## INSTRUCTIONS FOR USE

Wood specific.

Applicable on new or previously painted surfaces such as doors, skirting boards, windows in general, beams, panels, beads, etc.

ATTENTION to the treatment of woods rich in tannin. To reduce the risk of formation of dark stains apply the insulating base coat UNIMARC PRIMER ANTITANNINO cod. 3080001/0019 (colorless or white).

ATTENTION to the treatment of woods, even without tannin with UNIMARC IMPREGNANTE LEGNO pastel colors. To avoid the risk of yellowing over time apply UNIMARC PRIMER ANTITANNINO colorless cod. 3080001.

## TECHNICAL SPECIFICATIONS

-Type of Binder: acrylic/alkyd copolymer dispersed in water.

-Pigments: micronized mineral colored and clear oxides, UV rays resistant.

-Solvent: water.

-Dry residual in weight: 28%

-Specific Gravity UNI EN ISO 2811-1:  $1.01 \pm 0.05$  kg / l.

-Viscosity packing UNI 8902:  $110 \pm 15$  cps at 25 ° C (Brookfield rotational viscometer)

-Drying times (at 25 ° C and 65% R.H.): to the touch in 1 hour; to recoat after 6

hours.

## PREPARING THE SURFACE

New woodwork:

- Sand lightly in order to remove the raised wood fibres.
- Remove any resin using a suitable thinner.
- Fill the imperfections with synthetic filler. Rub down the fillings and eliminate any dust.
- Make sure the wood is not too damp.
- On woodwork featuring irregular absorption, or on soft or dry wood, apply an undercoat of clear UNIMARC IMPREGNANTE LEGNO series 313, diluted at 20-30% with water.
- Sand down the surfaces and proceed with the application of UNIMARC IMPREGNANTE LEGNO in the desired colour, sanding down between one coat and the next in order to remove the raised fibres.

Varnished woodwork:

- Sand down 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 suitable thinner.
- Fill the imperfections with synthetic filler. Rub down the fillings and eliminate any dust.
- Sand down the surfaces and proceed with the application of UNIMARC IMPREGNANTE LEGNO.

## 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.

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

- Avoid applying the product when there is condensation on the surface, or in direct sunlight.
- Tools: brush or spray gun.
- Stir the product thoroughly before using.
- The product is ready to be used.
- Apply the product as it is in successive coats, allowing at least 6 hours between coats.
- N coats: 2 coats of product are required for interior use; at least 3 are recommended for exterior use.
- For exterior applications, the use of coloured UNIMARC IMPREGNANTE is recommended since the pigments are responsible for providing protection against ultraviolet light. In places particularly exposed to solar radiation, such as in the mountains, it is advisable to recoat with 2 coats of gloss or satin-finish UNIMARC FINITURA LEGNO 3180819/638 or UNIMARC FINITURA CERATA series 312.
- Tools should be cleaned using water.
- Indicative spreading rate: 8-10 sq m/l per coat on wood featuring average absorption.

## TINTING

The product is supplied in the shades featured on the colour chart and can be tinted using the tinting system.

In the event different batches of coloured product are employed, or if a product produced with the tinting system is used to complete a piece of work, it is

recommended that the various products be intermixed in order to avoid slight differences in 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/f: Minimal build woodstains (water-base): 130 g/l (2010)

The product contains max: 130 g/l VOC

Use the product according to current standards of hygiene and safety; after use do not litter containers, allow the residue to dry and treat them as special waste. For more information see the safety data sheet.

## SPECIFICATION ITEM

Odorless impregnant finish for exteriors and interiors.

Application, over already prepared surfaces, of protective water soluble UNIMARC IMPREGNANTE LEGNO series 313, based on acrylic / alkyd copolymer dispersed in water, at least 2 coats, of a quantity determined by the absorption of the substrate.

Supply and application of the material € ..... per sqm.