

**SAN MARCO**

is a brand of  
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# Marconol Impregnante

PROTECTIVE COLORANT FOR EXPOSED OUTDOOR WOOD



SERIES 843

MARCONOL IMPREGNANTE - V.2024-09-24

## DESCRIPTION

MARCONOL IMPREGNANTE is a product used to impregnate woodwork. It features a high throwing power required for outdoor resistance and to protect the wood against pollutants, even in harsh environmental conditions, remaining unaltered despite the natural structural variations of the wood.

MARCONOL IMPREGNANTE is available in a range of clear colours obtained by means of micronized mineral pigments, which protect the wood against ultraviolet light and leave the original grain visible, bringing its original colour back to life.

In order to increase filling power, and in the case of exposure to particularly harsh conditions, it is advisable to paint over a coat of MARCONOL CERATO series 863.

## INSTRUCTIONS FOR USE

The product can be applied on new wood, or wood which has already been varnished, both indoors and outdoors, such as matchboarding, lofts, windows, balconies, fences, shutters, etc..

- Pay attention to the treatment of woods rich in tannin, unaesthetic dark stains can appear.

## TECHNICAL SPECIFICATIONS

- Type of Binder: alkyd resin, crude linseed oil.
- Pigments: clear iron oxides, offering UV stability.
- Solvent: mixture of aliphatic hydrocarbons.
- Specific gravity per UNI EN ISO 2811-1:  $0.84 \pm 0.03$  kg/l (depending on the colour)
- Efflux time per UNI 2431: 30"-33" Iso n. 3 cup at 25 °C
- Dry residual in weight:  $33 \pm 1\%$
- Drying time (at 25 C and 65% R.H.):
  - . dust free in 2 hours;
  - . to touch in 8 hours;
  - . to recoat after 24 hours.

#### COATABILITY:

- With MARCONOL CERATO series 863, MARCONOL SUPERMARE series 848 alkyd paints, MARCONOL FLATTING 8460619 and with all SAN MARCO alkyd enamel.
- The use of nitrocellulose-based varnishes is not recommended.

## PREPARING THE SURFACE

#### New woodwork:

- Rub down 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 that the wood is not too damp.
- Rub down the surfaces and proceed with the application of MARCONOL IMPREGNANTE in the desired colour, sanding down between one coat and the next in order to remove the raised fibres.

#### Previously varnished woodwork:

- Rub 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.
- Rub down the surfaces and proceed with the application of MARCONOL IMPREGNANTE.

## 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, spray gun, dip coating.
- Always stir the product carefully before use.
- The product is ready to be used. Should the surface not be very absorbent, thin using White spirit 5200010 or Synthetic thinner 5210011 in order to encourage absorption (10% max).
- N. coats: 2 coats of the product must be applied. In particularly harsh environmental conditions, or in the case of particularly absorbent surfaces, it is advisable to apply 3 coats.
- For exterior applications, the use of coloured MARCONOL IMPREGNANTE is recommended since the pigments (iron oxides) are responsible for providing protection against ultraviolet light.
- Tools should be cleaned using White spirit 5200010 or Synthetic thinner 5210011.
- Indicative spreading rate: 4-5 m<sup>2</sup>/l based on 2 coats on wood featuring average absorption.

## TINTING

The product is available in a colourless version and in the shades featured on the colour charts.

## 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/f: Interior and exterior minimal build woodstains (water base): 700 g/l (2010)

MARCONOL IMPREGNANTE Contains max: 700 g/l VOC

Harmful - Flammable

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 the residues dry out completely and treat them as special waste. Consult the safety data sheet for additional information.

## SPECIFICATION ITEM

Applications, on previously prepared woodwork, of coloured impregnating varnish MARCONOL IMPREGNANTE for interior and exterior use cod. 843, with a base of alkyd resins, crude linseed oil and clear micronized iron oxide offering UV stability, with at least 2 coats applied in quantities determined by the level of absorption of the wood.

Supply and application of the material €. .... per m2.