

# MARCONOL CERATO

IMPREGNATING WATER-RESISTANT FINISH FOR WOOD

series 863

## DESCRIPTION

MARCONOL CERATO is a product suitable for impregnating and protecting wood.

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 CERATO's special composition enables filling and water-resistant finishes to be obtained since it forms a microporous film which easily permits the passage of water vapour; the treated wood maintains the natural hygrometric balance intact, preventing the problem of scaling from arising, typical of traditional synthetic wood varnishes, thus the product lends itself to ease of maintenance.

MARCONOL CERATO contains special additives which absorb ultraviolet light, and is coloured with clear pigments which colour the wood without concealing the grain.

## INSTRUCTIONS FOR USE

The product can be applied on wood both indoors and out: Surfaces in new, old or previously varnished wood, such as matchboarding, lofts, windows, balconies, fences, shutters, stairs, and a variety of decorative items.

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

## TECHNICAL SPECIFICATIONS

- Type of Binder: modified alkyd resin.
- Pigments: clear iron oxides, offering UV stability.
- Solvent: mixture of aliphatic hydrocarbons.
- Specific gravity per UNI EN ISO 2811-1: 0.90-0.94 kg/l (depending on the colour)
- Viscosity per UNI 8902: 208 ± 24 cps at 25 °C (Brookfield rotational viscosimeter)
- Gloss per UNI EN ISO 2813: 30±10 at 60°
- 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 SUPERMARE 8480819/638 alkyd paints, MARCONOL FLATTING SOPRAFFINA 8460619 and with all SAN MARCO alkyd enamels.

- 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.

- On soft or dry woods with excessive levels of absorption, apply a coat of coloured MARCONOL IMPREGNANTE cod. 843.

- Rub down the surfaces and proceed with the application

of 2 coats of MARCONOL CERATO.

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.

- On degraded areas, or those featuring excessive absorption, apply a coat of MARCONOL IMPREGNANTE cod. 843.

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

## 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, roller.

- Always stir the product carefully before use.

- Thinning: ready to be used. Should the surface not be very absorbent, thin at 3% max using White spirit 5200010 or Synthetic thinner 5210011 in order to encourage absorption.

- Application by spraying gun may be applied only in authorized factory (Dir. 2001/42/EC), thinning at 10% with White spirit 5200010.

- 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 CERATO is recommended since the pigments (iron oxides) are responsible for providing protection against ultraviolet light.

- Tools should be cleaned using White spirit 5200010.

- 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, and is compatible with the colouring pastes of the MARCROMIE tinting system (up to max. 3%).

## 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

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Limit value EU (Dir. 2004/42/EC)

Cat. A/e: interior/exterior trim varnishes and woodstains  
(solvent-base): 400 g/l (2010)

MARCONOL CERATO contains max: 400 g/l VOC

Flammable / Keep out of the reach of children / Do not empty any remaining product into drains. / Do not breathe vapour / If swallowed, seek medical advice immediately and show this container or label.

Contains: 2-butanone oxime, fatty acids cobal salts - may cause allergic reaction.

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 impregnating agent - MARCONOL CERATO water-resistant finish for wood for interior and exterior use series 863 with a base of modified alkyd resins, clear micronized iron oxides 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.

*SAN MARCO GROUP 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.*