

# MARCONOL SUPERMARE

SINGLE COMPONENT POLYURETHANE CLEAR WOOD VARNISH FOR EXTERIOR AND

code 8480819/638

## DESCRIPTION

MARCONOL SUPERMARE is a clear, quick-drying wood varnish which enables gloss or satin-finishes to be obtained.

The binder, with its urethane alkyd resin base, means the product can also be used outdoors on surfaces which are highly exposed to the elements, and in marine environments.

The product features excellent filling power, is easy to apply, and provides good dilatation.

MARCONOL SUPERMARE is available in the gloss or satin-finish version. Intermediate gloss levels can be obtained by mixing gloss MARCONOL SUPERMARE and satin-finish MARCONOL SUPERMARE together.

## INSTRUCTIONS FOR USE

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

## TECHNICAL SPECIFICATIONS

- Type of Binder: urethane-modified alkyd resin
- Solvent: mix of aliphatic hydrocarbons
- Specific gravity per UNI EN ISO 2811-1:  $0.9 \pm 0.05$  kg/l
- Viscosity per UNI 8902:  
.8480819 gloss:  $270 \pm 30$  cps at  $25^\circ\text{C}$   
.8480638 satin:  $400 \pm 80$  cps at  $25^\circ\text{C}$
- Gloss per UNI EN ISO 2813:  
.8480819 Gloss:  $>90$  at  $60^\circ$   
.8480638 Satin-finish:  $45 \pm 5$  at  $60^\circ$
- Drying (at  $25^\circ\text{C}$  and 65% R.H.): dust free in 2 hours; touch dry in 6 hours; coatability after 12 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. Rub down the fillings and eliminate any dust.
- Make sure the wood is not too damp.
- On soft and dry wood, or excessively absorbent wood, apply a coat of coloured MARCONOL IMPREGNANTE cod. 843.
- On exposed exterior woodwork, pre-treatment is always recommended using 2 coats of coloured MARCONOL IMPREGNANTE cod. 843.
- Sand the surfaces and proceed with the application of 2 coats of MARCONOL SUPERMARE, allowing at least 12 hours between coats, according to the procedures described under "Instructions for product application".

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.

- On deteriorated areas, or on excessively absorbent wood, apply a coat of coloured MARCONOL IMPREGNANTE cod. 843.

- On exposed exterior woodwork, pre-treatment is always recommended using 2 coats of coloured MARCONOL IMPREGNANTE cod. 843.

- Sand the surfaces and proceed with the application of 2 coats of MARCONOL SUPERMARE, allowing at least 12 hours between coats, according to the procedures described under "Instructions for product application".

## APPLICATION INSTRUCTIONS

Air and surface conditions:

Air temperature: Min.  $+5^\circ\text{C}$  / Max.  $+35^\circ\text{C}$ .

Relative humidity of the air:  $<80\%$ .

Temperature of the surface: Min.  $+5^\circ\text{C}$  / Max.  $+35^\circ\text{C}$ .

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.

- Stir the product carefully before use.

- Thinning: ready to be used.

- 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 should be applied.

- Tools should be cleaned using White spirit 5200010.

- Indicative spreading rate: 8-9 sq m/l based on 2 coats on wood featuring average absorption. It is advisable to perform a preliminary test on the specific surface in order to determine the actual consumption.

## TINTING

The product is available in gloss (code 8480819) and satin-finish (code 8480638) versions.

## STORAGE

Maximum temperature for storage stability:  $+30^\circ\text{C}$

Minimum temperature for storage stability:  $+5^\circ\text{C}$

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/e: interior/exterior trim varnishes and woodstains (solvent-base): 500 g/l (2007) / 400 g/l (2010)

MARCONOL SUPERMARE contains max: 400 g/l VOC

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

## SPECIFICATION ITEM

# MARCONOL SUPERMARE

SINGLE COMPONENT POLYURETHANE CLEAR WOOD VARNISH FOR EXTERIOR AND

code 8480819/638

Application, on prepared woodwork, of MARCONOL SUPERMARE Single component polyurethane clear varnish for exterior and interior use cod. 8480819/638 with a base of urethane-modified alkyd resins - 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.*