

MARCONOL GEL

SATIN THIXOTROPIC WAXED EFFECT FINISH FOR OUTDOOR WOOD

series 862

DESCRIPTION

MARCONOL GEL is a clear finish to effect waxed suitable for the impregnation and preservation of wood.

Designed with a non-drip thixotropic structure to facilitate the applications that overhead (ceiling, beams) or in difficult positions.

The content in oils of natural origin and related substances with lignin makes an excellent and natural penetration and adhesion to the substrate without altering the natural appearance of the wood.

Water-repellent, MARCONOL GEL protects the wood from atmospheric agents and pollutants, even under severe conditions, remaining unaltered despite the normal structural variations of the wood.

Microporous, maintains the natural equilibrium humidity of the wood, thus avoiding the inconvenience of the present flaking of traditional synthetic paints, thus lending itself to easy maintenance.

MARCONOL GEL contains special additives absorbers of ultraviolet rays and is colored with transparent pigments that do not mask the wood grain.

Finishing MARCONOL GEL is protected by fungi surface and the blooming phenomena.

INSTRUCTIONS FOR USE

Applicable on wood inward and outward:

New wooden surfaces, old or previously painted wood paneling like attics, windows, balconies, fences, shutters, stairs, various objects.

Pay attention to the treatment of woods rich in tannin (eg chestnut) may result dark spots.

TECHNICAL SPECIFICATIONS

-Type of Binder: thixotropic alkyd resin modified.

-Pigments: transparent iron oxides, UV-resistant

-Solvent: mixture of aliphatic hydrocarbons

-Density UNI EN ISO 2811-1: 0.93 to 0.96 kg/l (depending on the color)

Gloss-UNI EN ISO 2813:

50 ± 10° angle reading of 60 after 24 h

40 ± 10° angle reading of 60 after 72 h

-Drying (at 25 ° C and 65% RH): dust free in 2 hours to touch in 8 hours recoatable after 24 hours.

PREPARING THE SURFACE

New wood surfaces or new ones:

- Sand lightly to remove the raised wood fibers.

- Remove any resin using a suitable diluent.

- Fill any imperfections with synthetic filler. Sand putty and remove dust.

- Make sure that the wood is not too damp.

- On soft woods and dry or with too much absorption, apply a layer of colored MARCONOL IMPREGNANTE s. 843.

- Sand the surfaces and then apply 2 coats of GEL MARCONOL.

Wood surfaces already painted:

- Sand to remove the raised wood fibers.

- Remove any layers of old flaking paint and rough up all painted surfaces.

- Remove any resin using a suitable diluent.

- Fill any imperfections with synthetic filler. Sand putty and remove dust.

- On or degraded areas with excessive absorption, apply a layer of colored MARCONOL IMPREGNANTE s. 843.

- Sand the surfaces and then apply 2 coats MARCONOL GEL.

APPLICATION INSTRUCTIONS

- Environmental and Support conditions:

Air temperature: Min +8 °C / +35 °C

Relative humidity: <75%

Surface Temperature: Min +5 °C / +35 °C

Moisture: <10%

- Do not apply when there is superficial condensation, or in direct sunlight.

- Tools: brush or roller.

- The product is ready to use and do not need to shake it before use. If necessary to dye it, and then mix it, the product regains its thixotropic structure over a few hours.

- Number of coats: 2 coats.

- For outdoor applications we recommend using MARCONOL GEL-colored, because the pigments used (iron oxide) with added protection from UV rays.

- Clean tools should be washed immediately after use White spirit 5200010.

- Indicative spreading rate: 6-8 sqm/2 coats on wood absorbent. And it is advisable to carry out a preliminary test on the specific surface to determine yield.

TINTING

The product is available in colorless, larch and cherry. It 'compatible with the system tinting pastes MARCROMIE (up to 3% max).

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

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

SPECIFICATION ITEM

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Thixotropic water-repellent satin finish for wood.

Applications, on wooden supports prepared, satin finish thixotropic water-repellent wood for indoor and outdoor MARCONOL GEL 862 series, based on alkyd resins modified thixotropic, transparent iron oxides and micronized protection against ultraviolet radiation in at least 2 coats of amounts determined by the wood.

Supply and installation of the material € per square meter.

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.