



DESCRIPTION

UNIMARC VERNICE is a water-based product which can be used for varnishing interior flooring and wooden objects.

In order to be even more suitable for this use, the product has been formulated so as to be easy to apply and to provide good flow, resistance to chemical agents to be found in waxes and detergents, as well as a high antiblocking effect.

The product dries quickly, reducing the time needed to varnish the surface. Once applied, the dry film proves to have excellent elasticity.

INSTRUCTIONS FOR USE

The product can be applied on new or varnished wooden items indoors, such as: parquet flooring, skirting boards, panels, and various wooden objects where a high level of surface hardness is required.

- Pay attention to the treatment of woods rich in tannin. To prevent the formation of unaesthetic dark stains apply UNIMARC PRIMER ANTITANNINO cod. 3080001/0019.
- Application on white emulsion paint can vary the brightness.

TECHNICAL SPECIFICATIONS

- Type of binder: water-based polyurethane-acrylic resin
- Solvent: water
- Specific gravity per UNI EN ISO 2811-1: 1.05 ± 0.05 kg/l.
- Viscosity UNI 8902: 500 ± 100 cps (with Brookfield rotational viscometer, at 25 C).
- Gloss per UNI EN ISO 2813: 30 ± 5 at 60°
- Drying (25 C and 65% R.H.): to touch in 45 min; to recoat after 4 hours.

PREPARING THE SURFACE

New Woodwork:

- Sand lightly in order to remove the raised wood fibres.
- Remove any resin using the Nitro thinner 5170076.
- Fill the imperfections with synthetic filler. Rub down the fillings and eliminate any dust.
- Make sure the wood is not too damp.
- In order to revive or change colour, apply 2 coats of UNIMARC IMPREGNANTE LEGNO series 313 in the desired colour.
- Sand the surfaces and then proceed with the application of 2 coats of UNIMARC VERNICE (the base coat thinned at 10-20% with water), sanding between coats in order to remove 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 the Nitro thinner 5170076.
- Fill the imperfections with synthetic filler. Rub down the fillings and eliminate any dust.
- Sand the surfaces and then proceed with the application of 2 coats of UNIMARC VERNICE sanding between coats in order to remove raised fibres.

APPLICATION INSTRUCTIONS

Air And Surface Conditions:

Air temperature: Min. $+8^\circ\text{C}$ / Max. $+35^\circ\text{C}$.

Relative humidity of the air: $<75\%$.

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, spray gun.
- Best results on large surface areas are attained by applying the product with the aid of a medium-bristle wool roller.
- Stir the product carefully before use.
- When applying with a brush and roller coating, the product is ready to be used. On new woodwork, thin the base coat at 15-20%, whilst the product should be used as it is for the second.
- When spraying, thin the product at 15% with water.
- Apply the product in successive coats, allowing at least 4 hours between coats.
- N coats: 2 coats of product should be applied. For greater filling power, 3 coats are recommended
- Tools should be cleaned using water.
- Indicative spreading rate: 5-6 sq m/l based on 2 coats on woodwork featuring average absorption.

TINTING

The product is available in clear transparent effect.

STORAGE

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

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

Stability in the original closed containers stored at suitable temperatures: 3 years.

SAFETY RULES

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

Cat. E: Interior/exterior trim varnishes and woodstains
(water base): 150 g/l (2007) / 130 g/l (2010)

Cat. I: One-pack performance coatings (water base): 140
g/l (2007) / 140 g/l (2010)

UNIMARC VERNICE Contains max: 100 g/l VOC

The product does not require labelling in accordance with 67/548/EEC and 1999/45/EC and its subsequent changes and updates. Use the product according to current health and safety regulations; after use, do not discard the containers in the environment; allow the residue to dry thoroughly, then treat as special waste. Store out of the reach of children. Use in a well ventilated place. In case of contact with eyes, wash immediately with abundant running water. In caso of ingestion, see a physician immediately and show him or her the container or label. Do not dispose of residues in the sewers, waterways or ground.

For more information consult the safety data sheet.

SPECIFICATION ITEM

Application, on preprepared interior woodwork, of UNIMARC VERNICE Water-based polyurethane floor varnish cod. 3160619 - with water-based polyurethane-acrylic base- 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