

ICE



EXTRA DURABLE BICOMPONENT POLYURETHANE WATER-BASED VARNISH

Matte - semi-matte- semi-gloss - gloss

Easy-to-apply bicomponent polyurethane water-based varnish that offers excellent abrasion resistance, hardness and chemical resistance. Nanotechnology-powered product.


TECHNICAL CHARACTERISTICS:

- Bicomponent water-based polyurethane
- Solvent-free
- High coverage
- High hardness
- Extremely resistant to foot traffic
- Non-overlap

WHERE IT CAN BE APPLIED:

- Wood flooring
- Wooden surfaces in general (furniture, staircases etc.)

SPECIAL PROPERTIES:

	Emission class as per French regulations.
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SPECIFIC CHARACTERISTICS (normal conditions):

Appearance:	Milky liquid
Viscosity, Ford 4 at 20 °C (seconds): Catalysed product	20 - 25
Gloss value at 60 degrees	Matte: 10 - 15 Semi-matte: 25 - 30 Semi-gloss: 50 - 60 Gloss: > 80
Mixing ratio:	10: 1
Yield: (g/m ²):	80 - 100 (the yield of the product may vary depending on the porosity or flatness of the surface being treated)
Dry dust free (minutes):	60 - 70
Sanding (hours):	8 - 12
Final setting (days):	5 - 7
Usage temperature (°C):	+ 15 - +25
Application/Equipment:	Roller, brush
Equipment cleaning:	Water, before the product sets
Product removal:	Water, before the product sets
Storage (months): temperature between +5 °C and +25 °C	12
Disposal information:	Dispose of in compliance with the local and national regulations in force
Packaging:	11 l boxes (2 5-L packs of comp.A + 2 0.5-L packs of comp.B)
Note:	Stir well before use
Usage limitations:	Frost sensitive. Do not apply in damp environments, avoid draughts and bring product up to room temperature before use Always use suitable personal protective equipment Always consult the technical and safety information sheets

CONTINUE



ICE

SURFACE PREPARATION: The wood floor must be perfectly smooth, filled and sanded, free from loose parts that may interfere with adhesion (e.g. oil, wax, silicone). The surface to be finished must be dry, with 8 to 12% moisture content. Ambient temperature between 15 °C to 25 °C, relative humidity no greater than 75%. After sanding with 120/150 grit, vacuum the whole surface and then clean with an anti-static cloth.

APPLICATION: Leave the product to reach room temperature and stir carefully before use. Add the hardener (component B) to component A, while stirring, and mix carefully. After mixing the two components, wait approximately 10 - 15 minutes before applying. Filter the product before use and apply an even coat using a roller or brush.

Always consult the product data sheet to ensure compatibility of coating systems.

MODERATE – HIGH TRAFFIC SYSTEM: 2 COATS OF PU 1 BASIC + 1 COAT OF ICE BICOMPONENT VARNISH (matt, semi-matt, semi-gloss and gloss effect)

APPLICATION: Leave the product to reach room temperature and stir carefully before use. Apply the first coat of the PU 1 BASIC primer evenly using a roller or brush. After approximately 8 - 12 hours in normal conditions, sand using 180 - 220 grit, clean the surface and apply a second coat of the PU primer. After 8-12 hours, sand using 220 grit, clean the surface and, finally, apply a coat of the ICE varnish. Always wear protective gloves. Always consult the technical and safety data sheet for the product.

HIGH TRAFFIC SYSTEM: FONDO WB 2C PRIMER + 2 COATS OF ICE BICOMPONENT VARNISH (matte, semi-matte, semi-gloss and gloss effect)

APPLICATION: Leave the product to reach room temperature and stir carefully before use. Apply the first coat of Fondo WB 2C primer evenly using a roller or brush. After approximately 8-12 hours in normal conditions, sand using 180 - 220 grit, clean the surface and apply a coat of ICE varnish. If necessary, after 8-12 hours, sand using 220 grit, clean the surface and apply a second coat of ICE varnish. Always wear protective gloves. Always consult the technical and safety data sheet for the product.

HAZARD PICTOGRAMS:

Component A

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Component B

