

ECO VERNITIX

WET885.XXS.XXX

Waterborne Topcoat for exterior

Main product characteristics

Typical Proprieties :	It contains IPBC	High concentration of UV additive	High outdoor resistance
Recommended use for :	doors	windows	shutters
Applications Method:	By conventional Spray gun	Air less	Air mix
Preparation product:	Ready to use ; In case of dilution, add up to 5 -10% of warm water		

Gloss levels available

G 20	G 30	G 50	G 100
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Colours available

Clear Bianco 200	Noce chiaro 201 Verde 213	Noce 252 Castagno 204	Hemlock 209	Larice 203	Teak 208	Noce scuro 210	Mogano 207
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Chemical – Physical characteristics (20 °C)

Solid Content (%)	36 ± 1	Vertical Hold (µm wet)	275
Specific Gravity (g/cm ³)	1,04 ± 0,02	Recommended N° of coats	1 - 2
Viscosity Brookfield (cps)	40000 - 60000	Recommended quantity per coat (gr/m ²)	min: 250 max: 275
Ph	8.5 – 9.5	Metric yield (m ² /kg)	3 - 4

Application Properties

General information

Dry at 20°C and UR% between 45 - 65: 100 g/m ²		Dry in tunnel: 150 g/m ²	
		Temperature	Time
Dust free	15 minutes	30 °C	15 minutes
Handling	1 hour	45 °C	90 minutes
Overcoat	4 - 6 hours	20 °C	15 minutes
Stackable	24 hours	Stackable	At Tunnel exit
Sanding	4 hours		

Substrate Preparation

Wood treated with basecoat : Sand the basecoat (Eco Vernifond or Eco Supernova Fond) using sand paper grit 240-320 and, then, apply 1 coat of Eco Vernitix.

The Eco Vernitix suits applications on wood items already coated with preservatives, as well.

The application on Nitrocellulose and polyurethane basecoats is not recommended.

Application Instructions

To obtain the best results it is necessary to use the right equipment in order to better atomize the varnish. Here follows some suggestions for spraying applications:

Use	Dilution %	Nozzle / mm	Press. Air / bar	Press. Vanish / bar
Conventional spray gun	5 -10	2 - 2,5	3 - 4	--
Air mix	--	09 - 11	1 - 2	80 -110
Air less	--	09 - 11	--	120 - 150

The use of pre-atomizers and pre-heaters, to bring the temperature to 30 – 40 °C, ensures a correct application regardless the room temperature. The drying process should be carried out in environments with adequate air ventilation (the recycle of air in the drying room should be carried out every 15-20 minutes).

Note and remarks

- Mix the product before use.
- The shelf life is 12 months if the products are stored in an environment with temperature between 5 - 35°C.
- The product application on substrate must be done in an environment with no less than 12°C. Coatings applied at lower temperatures will show chemical and mechanical properties lower than standard performances that can be normally achieved.
- Coating left overs (washing waters, waters from spray booths, used coatings) must be disposed according to local regulations. Never dispose residues directly into drains.
- Application tools must be cleaned with water after use. When dry films must be removed, the special detergent **HYDROCLEANER** should be used, letting it work overnight and then cleaning with water.

Additives

Problem / Requirements	Solution	Quantity to be used	
		%	Grams per 20 kg
Craters/Cissing caused by environment contamination	Soluzione Antischivante	0.5 max.	100 gr.
How to increase the verticality	Soluzione Addensante	2 - 5 max	400 -1000 gr.
How to slow down the drying process	WB Retarder	5 - 20 max	1000 - 4000 gr.