

ECO VERNILACK BIANCO

WET885.XXS.WHT

Waterborne Topcoat for exterior white

Main product characteristics

Typical Proprieties :	High elasticity	High blocking resistance	Good touch feeling
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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Chemical – Physical characteristics (20 °C)

Application Properties

Solid Content (%)	42 ± 1	Vertical Hold (µm wet)	300
Specific Gravity (g/cm ³)	1,12 ± 0,020	Recommended N° of coats	1
Viscosity Brookfield (cps)	40000 – 60000	Recommended quantity per coat (gr/m ²)	min: 250 max: 300
pH	8,5 – 9,5	Metric yield (m ² /kg)	3 - 4

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	--	20 °C	15 minutes
Stackable	24 hours	Stackable	At Tunnel exit
Sanding	4 hours		

Substrate Preparation

Wood treated with basecoat : Sand the basecoat (Eco Specialfond Bianco or Ecopur Fond 2K Bianco) using sand paper grit 240-320 and, then, apply 1 coat of Eco Vernilack Bianco.

The application on Nitrocellulose and polyurethane basecoats is not recommended.

Application Instructions

To obtain the best results is necessary to use the right equipment in order to atomize better the product without diluting with water. Here following some suggestions for spray applications ;

Use	Dilution %	Nozzle /mm	Press. Air / bar	Press. Vanish / bar
Conventional spray gun	10 -15	2,5	4	--
Air mix	--	11 - 13	4	--
Air less	--	11 - 13	--	--

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

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