

ECO VERNIPROTECT BIANCO

WEB870.00S.WHT

Waterborne WHITE Basecoat/isolator

Main product characteristics

Typical Properties :	Used as preservative / isolator	Good insulating power	Contains IPBC
Recommended use for :	doors	windows	shutters
Applications Method:		Dipping	brush
Preparation product:	Ready to use In case of dilution, add up to 5 - 10% of warm water		

Main Characteristics

Isolator/Basecoat (Mono/Single Pack), for pigmented coating cycles on softwoods and hardwoods such as Pine, larch, iroko, meranti and etc . Tannin and resin resistance

Chemical – Physical characteristics (20 °C)

Application Properties

Solid Content (%)	40 ± 1	Vertical Hold (µm wet)	120
Specific Gravity (g/cm ³)	1,13 ± 0,020	Recommended N° of coats	1
Viscosity DIN 4 (sec)	13 - 15	Recommended quantity per coat (gr/m ²)	min: 110 max: 120
PH	8 - 9	Metric yield (m ² /kg)	6 - 8

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	10 min.	Flash Off	30 °C	15 minutes
Handling	30 min.	Laminar Air	45 °C	30 minutes
Overcoat	2 - 4 hours	Cooling	20 °C	15 minutes
Sanding	1 - 2 hours	Stackable	At Tunnel exit	

Substrate Preparation

Raw Wood : Wood must be well seasoned (12-14% humidity). Always clean well the surfaces, removing all traces of grease, waxes and resins. Perform sanding with 150 grit sandpaper for softwoods and 180 grit sandpaper for hardwoods. The application on Nitrocellulose and polyurethane basecoats is not recommended.

Application Instructions

Dipping system: use only stainless steel tanks (es. AISI 304).
Brush type: use only mixed or synthetic hair

Use	Dilution %	Nozzle / mm	Press. Air / bar	Press. Vanish / bar
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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
To prevent the foam in the product	Soluzione Antischiuma	0.5 – 1 max.	100 - 200 grs. max
To prevent the contamination from bacteria	Antifermentativo	0.5 – 1 max.	100 - 200 grs. max
How to slow down the drying process	WB Retarder	5 - 20 max	1000 - 4000 grs.