

**ECO VERNIPROTECT BIANCO NEW**

WEB871.00S.WHT

Waterborne WHITE Basecoat - For dipping & flow coating use

**Main product characteristics**

<b>Typical Proprieties :</b>	Used as preservative / isolator	Excellent insulating power	Contains IPBC
<b>Recommended use for :</b>	doors	windows	shutters
<b>Applications Method:</b>	Flow coating	Dipping	brush
<b>Preparation product:</b>	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 (%)	43 ± 1	Vertical Hold (µm wet)	120
Specific Gravity (g/cm <sup>3</sup> )	1,15 ± 0,020	Recommended N° of coats	1
Viscosity DIN 4 (s)	38 - 42	Recommended quantity per coat (gr/m <sup>2</sup> )	min: 110 max: 120
PH	8 – 9	Metric yield (m <sup>2</sup> /kg)	6 - 8

**General information**

Dry at 20°C and UR% between 45 - 65: 100 g/m <sup>2</sup>		Dry in tunnel: 150 g/m <sup>2</sup>		
			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 paper for softwoods and 180 grit paper for hardwoods. The application on Nitrocellulose and polyurethane basecoats is not recommended.

**Application Instructions**

Flow-coating system: use diaphragm pump.  
Dipping system: use only stainless steel tanks (i.e. AISI 304).  
Brush type: use only mixed or synthetic hair

Use	Dilution %	Nozzle	Press. Air / bar	Press. Vanish / bar

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 25 kg
To prevent the foam in the product	Soluzione Antischiuma	0.5 – 1 max.	250 grs. max
To prevent the contamination from bacteria	Antifermentativo	0.5 – 1 max.	250 grs. max
How to slow down the drying process	WB Retarder	5 - 20 max	1250 - 5000 grs.