

ECO SPECIALFOND BIANCO

WEB861.00S.WHT

Waterborne Basecoat – Primer isolator white for exterior

Main product characteristics

Typical Proprieties :	High concentration of IPBC	Reduced fibre rising	High filling power
Recommended use for :	doors	windows	shutters
Applications Method:	By conventional Spray gun	Air mix - Air less	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 (%)	48 ± 1	Vertical Hold (µm wet)	300
Specific Gravity (g/cm ³)	1,20 ± 0,020	Recommended N° of coats	2
Viscosity Brookfield (cps)	25000 - 35000	Recommended quantity per coat (gr/m ²)	min: 150 max: 250
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		
Dust free	10 min.		Temperature	Time
Handling	30 min.	Flash Off	30 °C	15 minutes
Overcoat	2 - 4 hours	Laminar Air	45 °C	30 minutes
Sanding	1 - 2 hours	Cooling	20 °C	15 minutes
		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 sand paper for hardwoods. 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 paint. 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

Problems / Requirements	Solutions	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.