

ECO SPECIALFOND BIANCO

WEB861.00S.WHT

Waterborne Basecoat – Primer isolator for exterior white

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 less – air mix	By brush
Preparation product:	Ready to use ; In case dilute with tap water from 5 to 10 % .		

Main Characteristics

Isolator-Basecoat Monocomponent, for pigmented cycles on Softwood and Hard wood as Pine, larch, iroko, meranti etc .
Good Power insulating against tannin and resins

Chemical – Physical characteristics (23 °C)

Solid Content (%)	50 ± 1	Vertical Hold (µm wet)	300
Specific Gravity (g/cm ³)	1,42 ± 0,020	Recommended N° of coats	2
Viscosity ASTM 5	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

Application Proprieties

General information's

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 dry (12-14% humidity). Clean well the surface removing all traces of grease, waxes and resins. Perform sanding with 150 grit paper for softwoods and 180 grit paper for hardwoods . Is not recommended the application on Nitrocellulose and polyurethane basecoat.

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	Press. Air / bar	Press. Vanish / bar
Conventional spray gun	6-10	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 (with temperatures between 30 and 40 °C) ensure better application constancy whatever it is the ambient room. Drying should be carried out in areas with good air ventilation (the whole volume of air of the drying room should be renewed every 15-20 minutes)

Note and remarks

- Mix the product before using.
- If properly stored in a temperature between 5 and 35°C, shelf life is 12 months
- Keep the product and the substrate, at 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 of 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, **HYDROCLEANER** ; special detergent should be used, letting it work overnight and then cleansing with water

Additives

Action	Add	Quantity to be used	
		%	Grams per 25 kg
Craters/Cissing caused by environment pollution	Soluzione Antischivante	0.5 max.	125 gr.
Increase the tixotropy	Soluzione Addensante	2-5 max	500-1250 gr.
Retardant	Solvente ritardante	5-20 max	1250-5000 gr.