

## HYDROSAND WHITE PRIMER

WIB915.00S.WHT

Waterborne white primer for Indoors (Mono/Bi-component)

### Main product characteristics

<b>Typical Proprieties :</b>	Fast drying	Good coverage	Good sanding properties
<b>Recommended use for :</b>	Furniture , turned parts	Panels - MDF	Doors
<b>Applications Method:</b>	By conventional Spray gun	Air less	Air mix
<b>Main Purpose :</b>	The HydroSand white primer is used for indoor coating cycles for hardwoods and softwoods. It is suitable for doors , furniture, panels and etc.		
<b>Preparation product:</b>	<b>To be applied as follows:</b> <ul style="list-style-type: none"> <li>• Ready to use;</li> <li>• Add <b>CW7500</b> hardener at 5% if you wish to increase mechanical and chemical resistance.</li> </ul> Always opportunely dilute (10-15%) with warm water and stir very well with a mechanical stirrer. Avoid using pre-heater units in case of bi-component application.		

### Chemical – Physical characteristics (20 °C)

### Application Properties

Solid Content (%)	56 ± 1	Vertical Hold (µm wet)	120
Specific Gravity (g/cm <sup>3</sup> )	1,35 ± 0,020	Recommended N° of coats	1 - 2
Viscosity Brookfield (cps)	1500 - 2500	Recommended quantity per coat (gr/m <sup>2</sup> )	min: 100 max: 120
Viscosity Din 6 (sec)	35 - 45	Metric yield (m <sup>2</sup> /kg)	3 - 4

### General information

Dry at 20°C and UR% between 45 - 65: 100 g/m <sup>2</sup>		Dry in tunnel: 100 g/m <sup>2</sup>	
		Temperature	Time
Dust free	15 minutes	30 °C	10 minutes
Handling	45 minutes	Flash Off	
Overcoat	6 - 8 hours	Laminar Air	45 °C
Sand ability	4 hours	Cooling	20 °C
		Stackable	At Tunnel exit

### Substrate Preparation

**Raw woods:** Always clean well the surfaces, removing all traces of grease, waxes and resins. Maximum wood moisture content should be between 10 and 14%. Surfaces must be sanded with 150-180 grit sanding paper, to avoid fibre swelling.

### 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	10 - 20	2 - 2,5	3 - 4	--
Air mix	--	09 - 11	1 - 2	80 -110

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.