

ECO SUPERBRUSH

WET880.XXS.XXX

Waterborne Topcoat for exterior - Application by brush

Main product characteristics

Typical Proprieties :	High elasticity	High concentration of UV filters	Good transparency
Recommended use for :	doors	windows	shutters
Applications Method:	By conventional Spray gun	brush	
Preparation product:	Ready to use ; In case of dilution, add up to 5 -10% of warm water		

Gloss levels available & colours

Clear 40 gloss	Larch 40 gloss	Walnut 40 gloss	
Clear 100 gloss			

Chemical – Physical characteristics (20 °C)

Application Properties

Solid Content (%)	38 ± 1	Vertical Hold (µm wet)	150
Specific Gravity (g/cm ³)	1,04 ± 0,02	Recommended N° of coats	1 - 2
Viscosity Brookfield (cps)	2000 – 3000	Recommended quantity per coat (gr/m ²)	min: 80 max: 130
pH	8 - 9	Metric yield (m ² /kg)	8 -10

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	30 minutes	Flash Off	30 °C	20 minutes
Handling	1 hour	Laminar Air	45 °C	45 minutes
Overcoat	4 - 6 hours	Cooling	20 °C	15 minutes
Stackable	24 hours	Stackable	At Tunnel exit	
Sanding	4 hours			

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.

Application Instructions

Brush type: use only mixed or synthetic hair.

To obtain the best results it is necessary to use the right equipment in order to better atomize the varnish.

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	3,5	--

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 grs.
How to increase the verticality	Soluzione Addensante	2 - 5 max	400 -1000 grs.
How to slow down the drying process	WB Retarder	5 - 20 max	1000 - 4000 grs.