

ECO VERNIGEL

WEI900.00S.XXX

Waterborne Preservative for softwood and tannin free hardwoods in Gel

Main product characteristics

Typical Proprieties :	Shine colours	Good uniformity	Gel-liquid version
Recommended use for :	doors	windows	shutters
Applications Method:	Conventional spray gun	Air less	brush
Preparation product:	Ready to use; If it is necessary to tint the preservative, use up to 5% of iron oxide pastes IRGAPAST series. If it is necessary to eliminate impurities from the preservative, use a 75 micron filter. Because the product has a gel formulation, it does not drip.		

Colour Versions available

Clear	Pino 218	Noce 252	Larice 203	Hemlock 209	Noce biondo 286	Noce acerba 212	Noce scuro 210
Noce cr 211	Noce chiaro 201	Douglas 205	Teak 208	Castagno 204	Noce ross.215	Mogano 207	Bianco 200
Verde 213							

Chemical – Physical characteristics (20 °C)

Solid Content (%)	26 ± 1	Interval between coats	2-4 hours
Specific Gravity (g/cm ³)	1,03 ± 0,020	Recommended N° of coats	2-3
Viscosity Brookfield (cps)	3500 - 4500	Recommended quantity per coat (gr/m ²)	min: 50 max: 80
Ph	8,5 – 9,5	Metric yield (m ² /kg)	10 - 15

Application Properties

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	20 min	30 °C	20 minutes
Handling	40 min	Flash Off	
Overcoat	4 - 6 hours	Laminar Air	30 °C
Stackable	2 hours	Cooling	20 °C
Sanding	8 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 180 grit sanpaper for hardwoods and 150 grit sandpaper for softwoods.

Application Instructions

Brush type: use only mixed or synthetic hair

Use	Dilution %	Nozzle / mm	Press. Air / bar	Press. Vanish / bar
Conventional spray gun		2 - 2,5	3 - 4	--

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.