

ECO LATYGRUND

Waterborne preservative for hardwood

Main product characteristics

Typical Proprieties :	Contain IPBC	Contains UV additive	Good light resistance
Recommended use for :	doors	windows	shutters
Applications Method:	Dipping	Flow coating	spray / brush
Preparation product:	Ready to use; To tint Eco Latygrund use appropriate tints up to 5%.		

Colour versions available

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

Chemical – Physical characteristics (20 °C)

Solid Content (%)	9 ± 1	Interval between coats	4 - 6 hours
Specific Gravity (g/cm ³)	1,02 ± 0,02	Recommended N° of coats	1 - 2
Viscosity DIN 1 (s)	50 - 56 sec	Recommended quantity per coat (gr/m ²)	min: 50 max: 80
PH	7	Metric yield (m ² /kg)	8 - 10

Application Properties

General information

Dry at 20°C and UR% between 45 - 65: 100 g/m²		Dry in tunnel: 150 g/m²		
Dust free	10 min		Temperature	Time
Handling	30 min	Flash Off	30 °C	15 minutes
Overcoat	2 - 4 hours	Laminar Air	30 °C	30 minutes
Stackable	2 hours	Cooling	20 °C	15 minutes
Sanding	12 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 paper for hardwoods

Application Instructions

Flow-coating system: use diaphragm pump.
Dipping system: use only stainless steel tanks (i.e. AISI 304).
Brush type: use only mixed or synthetic hair

Use	Dilution %	Nozzle	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 25 kg
To prevent the foam in the product	Soluzione Antischiuma	0.5 – 1 max.	250 grs. max
To prevent the contamination from bacteria	Antifermentativo	0.5 – 1 max.	250 grs. max
How to slow down the drying process	WB Retarder	5 - 20 max	1250 - 5000 grs.