

UNIGRUND

WEI855.00S.XXX

Waterborne preservative UNIVERSAL

Main product characteristics

Typical Proprieties :	contain IPBC	Good uniformity	Good light resistance
Recommended use for :	doors	windows	shutters
Applications Method:	Dipping	Flow coating	spray / 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.		

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)

Application Properties

Solid Content (%)	12 ± 1	Interval between coats	2 - 6 hours
Specific Gravity (g/cm ³)	1,02 ± 0,020	Recommended N° of coats	1 - 2
Viscosity DIN 4 (s)	12 sec	Recommended quantity per coat (gr/m ²)	min: 50 max: 80
PH	8,5 - 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			
Handling		Flash Off	30 °C
Overcoat	2 - 6 hours	Laminar Air	30 °C
Stackable	2 hours	Cooling	20 °C
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 and 150 grit paper for softwoods

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	--

Manual Sanding: 220-280 grit Orbital: NOT recommended Automatic: NOT recommended Brushing machine: 220-240 grit

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.