

ACQUASOYZ LACK BIANCO

WIT927.XXS.WHT

Waterborne Pigmented Topcoat Mono / Bi component white

Main product characteristics

Typical Proprieties :	Fast drying	Good verticality	Good hardness
Recommended use for :	Furniture	Panels	chairs
Applications Method:	By conventional Spray gun	Air less	Air mix
Main Purpose :	The Acquasoyz Lack bianco is used for indoor cycles for hardwoods and softwoods is suitable for doors, furniture, panels and etc.		
Preparation product:	To be applied on WB primer: Ready to use. If dilution is necessary, add warm water up to 5%. In order to increase mechanical and chemical resistance, add CW7500 hardener at 5%. Then, mix very well using a mechanical stirrer.		

Gloss levels available

5 gloss	15 gloss	30 gloss	50 gloss	100 gloss
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Chemical – Physical characteristics (20 °C)

Solid Content (%)	37 ± 1	Vertical Hold (µm wet)	120
Specific Gravity (g/cm ³)	1,14 ± 0,020	Recommended N° of coats	1 - 2
Viscosity Brookfield (cps)	1500 - 2000	Recommended quantity per coat (gr/m ²)	min: 100 max: 140
Viscosity DIN 6 (sec)	40 - 50	Metric yield (m ² /kg)	4 - 6

Application Properties

General information

Dry at 20°C and UR% between 45 - 65: 100 g/m ²		Dry in tunnel: 100 g/m ²		
Dust free	15 minutes	Flash Off	Temperature	Time
Handling	40 min	Laminar Air	30 °C	10 minutes
Overcoat	1 - 3 hours	Cooling	45 °C	30 minutes
Stackable	8 -10 hours	Stackable	20 °C	10 minutes
			At Tunnel exit	

Substrate Preparation

Wood treated with white primer: Sand the primer(WBPC White Primer) using sandpaper 320 - 400. The Acquasoyz Lack Bianco is suitable for waterborne basecoat . Is not recommended the application on Nitrocellulose and polyurethane basecoat.

Application Instructions

To obtain the best results is necessary to use the right equipment in order to better atomize the product without diluting it with water. Here following 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
Air less	--	09 - 11	--	120 -150

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 chemical-mechanical resistance	EcoVernilinker	1 - 2 max.	200 - 540 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.