

ACQUASOYZ CLEAR

WIT927.XXS.CLR

Waterborne Clear Topcoat / Self-sealer – Waterborne Conversion Varnish (Mono/Bi-component)

Main product characteristics

Typical Proprieties :	Fast drying	High transparency	Good touch feeling
Recommended use for :	Furniture	Wood panels	Doors
Applications Method:	By conventional Spray gun	Air less	Air-mix
Main purpose:	It is also a self-sealer used in industrial and handcraft coating cycles for indoors. Easy to use, fast drying, good chemical and physical features.		
Preparation product:	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 (%)	29 ± 1	Vertical Hold (µm wet)	120
Specific Gravity (g/cm ³)	1,04 ± 0,02	Recommended N° of coats	2
Viscosity DIN 6 (sec)	40 - 50	Recommended quantity per coat (gr/m ²)	min: 100 max: 140
Viscosity Brookfield (cps)	1500 - 2000	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		
			Temperature	Time
Dust free	15 minutes	Flash Off	30 °C	10 minutes
Handling	30 minutes	Laminar Air	45 °C	30 minutes
Overcoat	-	Cooling	20 °C	10 minutes
Stackable	8 - 10hours	Stackable	At Tunnel exit	

Substrate Preparation

Best results are obtained with the pre-application of sealers like **ACQUAFOND HRS CLEAR** or **ACQUAFOND SOYZ CLEAR** (cheaper option). Therefore, proceed, as follows: sand the sealer/s using sandpaper grits 280 -320. Then, apply ACQUASOYZ topcoat which can be applied on waterborne sealers, only.

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 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	Eco Vernilinker	1 - 2 max.	200 - 400 gr.
How to increase the verticality	Soluzione Addensante	2 - 5 max	400 - 1000 gr.