

ACQUACOAT CLEAR

WIT932.XXS.CLR

Waterborne Transparent Topcoat (Mono-component)

Main product characteristics

Typical Proprieties :	Good outline of pore traces	High transparency	High solid build
Recommended use for :	Furniture	Panels	Doors
Applications Method:	By conventional Spray gun	Air less	Air mix
Preparation product:	Ready to use. If dilution is necessary, add warm water up to 5%. To increase the mechanical and chemical resistance add Eco Vernilinker at 1-2%. Mix very well the using mechanical stirrer.		

Gloss levels available

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

Solid Content (%)	34 ± 1	Vertical Hold (µm wet)	200
Specific Gravity (g/cm ³)	1,05 ± 0,02	Recommended N° of coats	1 – 2
Viscosity Brookfield (cps)	6000 - 8000	Recommended quantity per coat (gr/m ²)	min: 120 max: 140
pH	7,5 – 8,5	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	
	Time	Temperature	Time
Dust free	30 minutes		
Handling	2 hours	Flash Off	30 °C
Overcoat	2 - 4 hours	Laminar Air	45 °C
Stackable	24 hours	Cooling	20 °C
		Stackable	At Tunnel exit

Substrate Preparation

To be applied on WB sealer: Sand the sealer (Acquafond Bit) using 280 – 320 grit sandpaper. The ACQUACOAT (topcoat) can be applied on waterborne sealers/basecoats, only.

Application Instructions

To obtain the best results it is necessary to use the right equipment in order to better atomize the varnish. Here follows 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 verticality	Soluzione Addensante	2 - 5 max	400 - 1000 gr.
How to slow down the drying process	WB Retarder	5 - 20 max	1000 - 4000 gr.
Increase the chemical-mechanical resistance	EcoVernilinker	1 - 2 max.	200- 400 gr.