

NWIA149923B

White Waterborne top coat, one component. Indoor use. Coffee proof

Main product characteristics

General Proprieties :	Fast drying	Excellent chemical resistance	Anti- scratch
Recommended use for :	Doors	Furniture	Panels
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Topcoat with good chemical-physical properties, low voc, 0 emission. Excellent resistance to coffee stains. Pigmentable with NOVOTINT tinting system		
Mix preparation:	NWIA149923B is a ready to use white top coat. If necessary, it can be reduced with with warm water up to 10.		

Gloss levels available

5 gloss	15 gloss	30 gloss	100 gloss
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Colours available

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Chemical – Physical characteristics (20 °C)

Solid Content (%)	48 ± 2	Vertical Hold (µm wet)	200
Density (g/cm ³)	1,15 ± 0,02	Recommended N° of coats	1-2
Viscosity Brookfield (cps)	4000 - 5000	Recommended quantity per coat (gr/m ²)	min: 100 max: 140
pH	8,0-9,0	Metric yield (m ² /kg)	4 - 6

Application Properties

General information

Dry at 20°C and UR% between 45 - 65: 120 g/m ²		Dry in tunnel: 120 g/m ²		
Dust free	15 minutes		Temperature	Time
Handling	40 minutes	Flash Off	30 °C	10 minutes
Overcoat	1 - 3 hours	Laminar Air	45 °C	30 minutes
Stackable	10 hours	Cooling	20 °C	10 minutes
		Stackable	At Tunnel exit	

Recommended Cycle

- 1) Wood or mdf
- 2) After sanding, apply one or two coats of white primer NWIF149915B
- 3) Sanding after 8 hours, with sandpaper 240-320
- 4) Apply the top coat NWIA149923B.

Application Instructions

To obtain the best results is necessary to use the right equipment in order to atomize better the product without diluting with water. Here following some suggestions for spray applications ;

Use	Dilution %	Nozzle	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. 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 at temperature between 5 - 35°C.
- The product application must be done at a temperature 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.