

NWIA149932B

White Waterborne self sealer. Indoor use. High solid

Main product characteristics

General Proprieties :	Fast drying	High coverage	Good verticality
Recommended use for :	Doors	Furniture	Chairs
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Topcoat with good chemical-physical properties, low voc, 0 emission. It can be used as a self- sealer, in two coats. Fast drying. Easy to sand.		
Mix preparation:	NWIA149932B can be hardened with NCW78 at 5% by weight. If necessary, reduce with with warm water up tp 10 and stir properly! with a mixer. Avoid using pre-heater units in case of bi-component application. It can be hardened also with NOVOLINK crosslinker at 3% max.		

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 (%)	45 ± 2	Vertical Hold (µm wet)	200
Density (g/cm ³)	1,25 ± 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: 120 g/m ²		Dry in tunnel: 120 g/m ²		
Dust free	30 minutes	Flash Off	Temperature	Time
Handling	120 minutes	Laminar Air	30 °C	10 minutes
Overcoat	2 - 4 hours	Cooling	45 °C	30 minutes
Stackable	24 hours	Stackable	20 °C	10 minutes
			At Tunnel exit	

Recommended Cycle

- 1) Open pore wood
- 2) After sanding, apply the first coat of NWIA149932B, 120-140 grams per sq/mt
- 3) Sanding after 8 hours, with sandpaper 240-320
- 4) Apply the final coat of NWIA149932B.

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.