

NWIA149921

Clear Waterborne self sealer, one or two component. Indoor use

Main product characteristics

General Proprieties :	Fast drying	High transparency	Good hardness
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:	NWIA149921 can be hardened with NCW78 at 5% by weight. If necessary, reduce with with warm water up tp 10 and stir properlyl with a mixer. Avoid using pre-heater units in case of bi-component application.		

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 (%)	28 ± 2	Vertical Hold (µm wet)	120
Density (g/cm ³)	1,04 ± 0,02	Recommended N° of coats	2
Viscosity DIN 4 (sec)	60	Recommended quantity per coat (gr/m ²)	min: 100 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/m²		Dry in tunnel: 120 g/m²		
Dust free	15 minutes		Temperature	Time
Handling	30 minutes	Flash Off	30 °C	10 minutes
Overcoat	1 hour	Laminar Air	45 °C	30 minutes
Stackable	8 - 10 hours	Cooling	20 °C	10 minutes
Ready to sand	1 hour	Stackable	At Tunnel exit	

Recommended Cycle

- 1) Apply one coat of stains from NTS line
- 2) After 2 hours apply the first coat of NWIA149921, 105-140 grams per sq/mt
- 3) Sanding after 8 hours, with sandpaper 240-320
- 4) Apply the final coat of NWIA149921.

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.