

## NWIA149982

Clear Waterborne top coat, two-component. Anti-scratch. Indoor use

### Main product characteristics

<b>General Proprieties :</b>	High chemical-physical properties	High blocking resistance	Good verticality
<b>Recommended use for :</b>	Doors	Stairs	Table
<b>Applications Method:</b>	Spray gun	Air less	Air mix
<b>Main characteristics :</b>	Topcoat with excellent chemical-physical properties, low voc, 0 emission. It can be used as a self-sealer, in two coats.		
<b>Mix preparation:</b>	NWIA149982 needs to be hardened with <b>NCW75</b> at 10% by weight. If necessary, reduce with warm water from 10 to 20% and stir properly with a mixer. Avoid using pre-heater units in case of bi-component application.		

### Gloss levels available

15 gloss	30 gloss	50 gloss	100 gloss
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### Colours available

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### Chemical – Physical characteristics (20 °C)

Solid Content (%)	32 ± 2	Vertical Hold (µm wet)	140
Density (g/cm <sup>3</sup> )	1,04 ± 0,02	Recommended N° of coats	1 - 2
Viscosity Brookfield /CPS	4000 - 5000	Recommended quantity per coat (gr/m <sup>2</sup> )	min: 125 max: 140
Pot Life	3 hours	Metric yield (m <sup>2</sup> /kg)	4 - 6

### Application Properties

### General information

Dry at 20°C and UR% between 45 - 65: 120 g/m <sup>2</sup>		Dry in tunnel: 120 g/m <sup>2</sup>		
	Time		Temperature	Time
Dust free	30 minutes	Flash Off	30 °C	10 minutes
Handling	60 minutes	Laminar Air	45 °C	30 minutes
Overcoat	2 - 4 hours	Cooling	20 °C	10 minutes
Stackable	8 - 12 hours	Stackable	At Tunnel exit	

### Recommended Cycle

- 1) Apply one coat of stains from NTS line
- 2) After 2 hours apply the first coat of NWIA149982, 125-150 grams per sq/mt
- 3) Sanding after 12 hours, with sandpaper 240-320
- 4) Apply the final coat of NWIA149982.

### 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.