

NWIA149982B

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

Main product characteristics

General Proprieties :	High chemical-physical properties	High solid	Fast drying
Recommended use for :	Doors	Kitchen doors	Furniture
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Topcoat with excellent chemical-physical properties, low voc, 0 emission. It can be used as a self-sealer, in two coats. Fast drying and pigmentable with NPW pigments		
Mix preparation:	NWIA149982B needs to be hardened with NCW75 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
----------	----------	----------	-----------

Colours available

--	--	--	--

Chemical – Physical characteristics (20 °C)

Solid Content (%)	43 ± 2	Vertical Hold (µm wet)	200
Density (g/cm ³)	1,20 ± 0,02	Recommended N° of coats	1 - 2
Viscosity Brookfield /CPS	4000 - 5000	Recommended quantity per coat (gr/m ²)	min: 125 max: 150
Pot Life	3 hours	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	1 hour	Flash Off	30 °C
Overcoat	2 - 4 hours	Laminar Air	45 °C
Stackable	12 hours	Cooling	20 °C
Sanding	4 - 6 hours	Stackable	At Tunnel exit

Recommended Cycle

- 1) Apply one the first coat of NWIA149982B at 125-150 grams per sq/mt
- 2) After 6 hours sand with sandpaper 240-320.
- 3) Apply final coat of NWIA149982B.

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.