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Blue book

Technical catalogue

NWIA149927

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

Main product characteristics

General Proprieties :	Fast drying	High transparency	Good verticality
Recommended use for :	Doors	Furniture	Table
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Topcoat with good chemical-phisical properties, low voc, 0 emission. It can be used as a self- sealer, in two coats. Fast drying. Easy to sand.		
Mix preparation:	NWIA149927 can be hardened with **NCW75** 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

Colours available

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	29 ± 2	Vertical Hold (µm wet)	120
Density (g/cm^3)	1,04 ± 0,02	Recommended N° of coats	2
Viscosity DIN 6 (sec)	40 - 50	Recommended quantity per coat (gr/m^2)	min: 100 max: 140
Pot Life	2 hours	Metric yield (m^2/kg)	4 - 6

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	30 minutes	Flash Off	30 °C	10 minutes
Overcoat	2 - 4 hours	Laminar Air	45 °C	30 minutes
Stackable	8 - 10 hours	Cooling	20 °C	10 minutes
		Stackable	At Tunnel exit	

Recommended Cycle

1) Apply one coat of stains from NTS line
2) After 2 hours apply the first coat of NWIA149927, 105-140 grams per sq/mt
3) Sanding after 8 hours, with sandpaper 240-320
4) Apply the final coat of NWIA149927.

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.

NWIA149927B

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

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-phisical properties, low voc, 0 emission. It can be used as a self- sealer, in two coats. Fast drying. Easy to sand.		
Mix preparation:	NWIA149927B can be hardened with **NCW75** 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

Colours available							

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	38 ± 2	Vertical Hold (µm wet)	120
Density (g/cm^3)	1,15 ± 0,02	Recommended N° of coats	2
Viscosity DIN 6 (sec)	40 - 50	Recommended quantity per coat (gr/m^2)	min: 100 max: 140
Pot Life	2 hours	Metric yield (m^2/kg)	4 - 6

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	8 - 10 hours	Cooling	20 °C	10 minutes
		Stackable	At Tunnel exit	

Recommended Cycle

1) Open pore wood
2) After sanding,apply the first coat of NWIA149927B, 105-140 grams per sq/mt
3) Sanding after 8 hours, with sandpaper 240-320
4) Apply the final coat of NWIA149927B.

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.

NWIA149932

Clear Waterborne top coat, one component. Indoor use

Main product characteristics			
General Proprieties :	Good flow	High transparency	High solid
Recommended use for :	Doors	Furniture	Panels
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Topcoat with good chemical-phisical properties, low voc, 0 emission. Excellent resistance to sunscreens. It complies with the legislation EN 71-3		
Mix preparation:	NWIA149932 needs to be reduced with with warm water up tp 10. To increase mechanical and chemical resistences, add 1-2% of crosslinker NOVOLINK		

Gloss levels available			
5 gloss	15 gloss	30 gloss	100 gloss

Colours available							

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	35 ± 2	Vertical Hold (µm wet)	200
Density (g/cm^3)	1,05 ± 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

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		Temperature	Time
Handling	120 minutes	Flash Off	30 °C	10 minutes
Overcoat	2 - 4 hours	Laminar Air	45 °C	30 minutes
Stackable	24 hours	Cooling	20 °C	10 minutes
		Stackable	At Tunnel exit	

Recommended Cycle

1) Open pore wood
2) After sanding,apply one coat of white primer NWIF149915B
3) Sanding after 8 hours, with sandpaper 240-320
4) Apply the top coat NWIA149932.

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.

NWIA149932

Clear Waterborne top coat, one component. Indoor use

Main product characteristics			
General Proprieties :	Good flow	High transparency	High solid
Recommended use for :	Doors	Furniture	Panels
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Topcoat with good chemical-phisical properties, low voc, 0 emission. Excellent resistance to sunscreens. It complies with the legislation EN 71-3		
Mix preparation:	NWIA149932 needs to be reduced with with warm water up tp 10. To increase mechanical and chemical resistences, add 1-2% of crosslinker NOVOLINK		

Gloss levels available			
5 gloss	15 gloss	30 gloss	100 gloss

Colours available							

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	35 ± 2	Vertical Hold (µm wet)	200
Density (g/cm^3)	1,05 ± 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

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		Temperature	Time
Handling	120 minutes	Flash Off	30 °C	10 minutes
Overcoat	2 - 4 hours	Laminar Air	45 °C	30 minutes
Stackable	24 hours	Cooling	20 °C	10 minutes
		Stackable	At Tunnel exit	

Recommended Cycle

1) Open pore wood
2) After sanding,apply one coat of white primer NWIF149915B
3) Sanding after 8 hours, with sandpaper 240-320
4) Apply the top coat NWIA149932.

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.

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-phisical 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 tp 10.		

Gloss levels available			
5 gloss	15 gloss	30 gloss	100 gloss

Colours available							

Chemical – Physical characteristics (20 °C)		Application Properties	
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

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.

NWIA149982

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

Main product characteristics			
General Proprieties :	High chemical-physical properties	High blocking resistance	Good verticality
Recommended use for :	Doors	Stairs	Table
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Topcoat with excellent chemical-phisical properties, low voc, 0 emission. It can be used as a self- sealer, in two coats.		
Mix preparation:	NWIA149982 needs to be hardened with **NCW75** at 10% by weight. If necessary, reduce with with warm water from 10 to 20% and stir properlyl 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)		Application Properties	
Solid Content (%)	32 ± 2	Vertical Hold (µm wet)	140
Density (g/cm^3)	1,04 ± 0,02	Recommended N° of coats	1 - 2
Viscosity Brookfield /CPS	4000 - 5000	Recommended quantity per coat (gr/m^2)	min: 125 max: 140
Pot Life	3 hours	Metric yield (m^2/kg)	4 - 6

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		Temperature	Time
Handling	60 minutes	Flash Off	30 °C	10 minutes
Overcoat	2 - 4 hours	Laminar Air	45 °C	30 minutes
Stackable	8 - 12 hours	Cooling	20 °C	10 minutes
		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.

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-phisical 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 with warm water from 10 to 20% and stir properlyl 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)		Application Properties	
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

General information				
Dry at 20°C and UR% between 45 - 65: 100 g/m^2		**Dry in tunnel: 100 g/m^2**		
Dust free	30 minutes		Temperature	Time
Handling	1 hour	Flash Off	30 °C	10 minutes
Overcoat	2 - 4 hours	Laminar Air	45 °C	30 minutes
Stackable	12 hours	Cooling	20 °C	10 minutes
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.

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NWIA149983

Clear Waterborne top coat, two component. Indoor use. High quality

Main product characteristics			
General Proprieties :	Food certificate	High transparency	Anti scratch
Recommended use for :	Doors	Tables	Stairs
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Clear sealer with high build, low voc, 0 emission. Excellent flow. Fast drying and with high chemical and mechanical properties. Comparable with solvent borne products. Suitable for food contact, it complies with EN 71-3		
Mix preparation:	NWIA149983 needs to be hardened with NCW78 at 20%. If necessary, it can be reduced with with warm water up tp 10. Avoid pre-heaters		

Gloss levels available			
5	15	30	50

Colours available							

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	41 ± 2	Vertical Hold (µm wet)	140
Density (g/cm^3)	1,05 ± 0,02	Recommended N° of coats	1-2
Viscosity Din 4 (sec)	70 - 90	Recommended quantity per coat (gr/m^2)	min: 100 max: 120
Pot Life	3 hours	Metric yield (m^2/kg)	8 - 10

General information				
Dry at 20°C and UR% between 45 - 65: 120 g/m^2		**Dry in tunnel: 120 g/m^2**		
Dust free	25 minutes		Temperature	Time
Handling	10 hours	Flash Off	30 °C	20 minutes
Overcoat wet on wet	1 - 3 hours	Laminar Air	45 °C	30 minutes
Sandig	4 hours	Cooling	20 °C	15 minutes
		Stackable	At Tunnel exit	

Recommended Cycle

1) Apply one coat of stain from NTS line
2) After sanding,apply one or two coats of clear sealer NWIF149980
3) Sanding after 4 hours, with sandpaper 240-320
4) Apply the top coat NWIA149983

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.

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NWIF149980

Clear Waterborne sealer, two component. Indoor use. High quality

Main product characteristics

General Proprieties :	Fast drying	High transparency	High build
Recommended use for :	Doors	Tables	Stairs
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Clear sealer with high build, low voc, 0 emission. Excellent flow. Fast drying and easy to sand. Top quality product		
Mix preparation:	NWIF149980 needs to be hardened with NCW75 at 10%. If necessary, it can be reduced with with warm water up tp 10. Avoid pre-heaters		

Gloss levels available

Colours available

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	38 ± 2	Vertical Hold (µm wet)	140
Density (g/cm^3)	1,05 ± 0,02	Recommended N° of coats	1-2
Viscosity Brookfield (cps)	2000 - 2500	Recommended quantity per coat (gr/m^2)	min: 100 max: 120
Pot Life	3 hours	Metric yield (m^2/kg)	8 - 10

General information

Dry at 20°C and UR% between 45 - 65: 120 g/m^2		Dry in tunnel: 120 g/m^2		
Dust free	25 minutes		Temperature	Time
Handling	30 minutes	Flash Off	30 °C	10 minutes
Overcoat wet on wet	1 - 3 hours	Laminar Air	45 °C	30 minutes
Sandable	4 hours	Cooling	20 °C	10 minutes
		Stackable	At Tunnel exit	

Recommended Cycle

1) Apply one coat of stain from NTS line
2) After sanding,apply one or two coats of clear sealer NWIF149980
3) Sanding after 4 hours, with sandpaper 240-320
4) Apply the top coat NWIA149983

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.

NWIF149915B

White Waterborne primer, one or two component. Indoor use.

Main product characteristics

General Proprieties :	Fast drying	High coverage	High build
Recommended use for :	Doors	Tables	Panels
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	White primer sealer with high build, low voc, 0 emission. Excellent flow. Fast drying and easy to sand.		
Mix preparation:	NWIF149915B can be used as 1K or 2K product. Use as hardener NCW75 at 5%. If necessary, it can be reduced with with warm water up tp 10. Avoid pre-heaters		

Gloss levels available

Colours available

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	58 ± 2	Vertical Hold (µm wet)	140
Density (g/cm^3)	1,35 ± 0,02	Recommended N° of coats	1-2
Viscosity Brookfield (cps)	1500 - 2500	Recommended quantity per coat (gr/m^2)	min: 100 max: 120
Pot Life	3 hours	Metric yield (m^2/kg)	3 - 4

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	45 minutes	Flash Off	30 °C	10 minutes
Overcoat wet on wet	1 - 3 hours	Laminar Air	45 °C	30 minutes
Sandable	4 hours	Cooling	20 °C	10 minutes
		Stackable	At Tunnel exit	

Recommended Cycle

1) Apply over wood or mdf
2) After sanding,of the substrate, apply one or two coats of white primer NWIF149915B
3) Sanding after 4 hours, with sandpaper 240-320
4) Apply the top coat NWIA149927B

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.

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NWIA149910

Clear Waterborne top coat, 1 or 2 component. Indoor use.

Main product characteristics

General Proprieties :	Good flow	Wax effect	Beeswax aroma
Recommended use for :	Doors	Furniture	Panels
Applications Method:	Spray gun	Brush	Roller
Main characteristics :	Self-sealer top coat, with a low sheen effect. NWIA149910 dosen't change the natural color of the wood. Superb silky touch.		
Mix preparation:	NWIA149910 is a ready to use product. To increase the chemical resistence of the film, use NCW79 at 5%. It doesn't require dilution.		

Gloss levels available

0 gloss			

Colours available

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	21 ± 2	Vertical Hold (µm wet)	-
Density (g/cm^3)	1,02 ± 0,02	Recommended N° of coats	1-2
Viscosity DIN 4 (sec)	15 ± 2	Recommended quantity per coat (gr/m^2)	min: 5 0 max: 8 0
pH	7,5-8,5	Metric yield (m^2/kg)	6 - 8

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	45 minutes	Flash Off	30 °C	10 minutes
Overcoat	4 hours	Laminar Air	45 °C	90 minutes
Stackable	12 hours	Cooling	20 °C	15 minutes
		Stackable	At Tunnel exit	

Recommended Cycle

1) Over the wood, apply one coat of stain from NTS line
2) After sanding,apply one coat of NWIA149910
3) Sanding after 8 hours, with sandpaper 240-320
4) Apply the second coat of NWIA149910

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.

NWIA149915

Clear Waterborne top coat, 1 or 2 component. Indoor use.

Main product characteristics

General Proprieties :	Good flow	Wax effect	High transparency
Recommended use for :	Doors	Furniture	Panels
Applications Method:	Spray gun	Brush	Roller
Main characteristics :	Self-sealer top coat, with a low sheen effect. NWIA149915 dosen't change the natural color of the wood. Good silky touch.		
Mix preparation:	NWIA149915 is a ready to use product. To increase the chemical resistence of the film, use NCW75 at 5%. If necessary reduce with 10% of warm water. Avoit pre-heaters		

Gloss levels available

0 gloss			

Colours available

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	36 ± 2	Vertical Hold (µm wet)	120
Density (g/cm^3)	1,05 ± 0,02	Recommended N° of coats	2
Viscosity DIN 6 (sec)	30 -40	Recommended quantity per coat (gr/m^2)	min: 8 0 max:1 2 0
pH	7-8	Metric yield (m^2/kg)	3-4

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		Temperature	Time
Handling	60 minutes	Flash Off	30 °C	10 minutes
Overcoat	6 hours	Laminar Air	45 °C	90 minutes
Stackable	24 hours	Cooling	20 °C	15 minutes
		Stackable	At Tunnel exit	

Recommended Cycle

1) Over the wood, apply one coat of stain from NTS line
2) After sanding,apply one coat of NWIA149915
3) Sanding after 8 hours, with sandpaper 240-320
4) Apply the second coat of NWIA149915

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.

NWEF149855

Clear Waterborne Impregnating agent. Outdoor use

Main product characteristics			
General Proprieties :	It contains IPBC	It contains UV Filters	High outdoor resistance
Recommended use for :	Doors	Wooden windows	Outdoor furniture
Applications Method:	Spray gun	Flow Coating	
Main characteristics :	Ready to use impregnating agent. It can be tinted with water borne pigments from NPW line up to 5%		
Mix preparation:	If needed, reduce with water up tp 10% by weight		

Gloss levels available			

Colours available							
Clear	Hemlock	Larice	Castagno	Douglas	Mogano	Bianco	Noce
Pino	Teak	Verde	Custom colors				

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	12 ± 2	Intrval between coats	4-6 hours
Density (g/cm^3)	1,02 ± 0,02	Recommended N° of coats	1
Viscosity DIN 2 (sec)	45 - 55	Recommended quantity per coat (gr/m^2)	min: 50 max: 8 0
PH	6,5-7,5	Metric yield (m^2/kg)	8 - 10

General information				
Dry at 20°C and UR% between 45 - 65: 120 g/m^2		**Dry in tunnel: 120 g/m^2**		
Dust free	10 minutes		Temperature	Time
Handling	30 minutes	Flash Off	30 °C	15 minutes
Overcoat	2 - 4 hours	Laminar Air	45 °C	30 minutes
Stackable	2 hours	Cooling	20 °C	15 minutes
Sanding	12 hours	Stackable	At Tunnel exit	

Recommended Cycle

1) % of humidity of row wood- 12/14%
2) clean properly the surface, removing waxes, grease and resin
3) sand the wooden substrate with 180 grit sanding paper
4) apply 1 or coat of NWEF149855

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		2 - 2,5	3 - 4	--

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.

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NWEA149885

Clear Waterborne top coat, one component. Outdoor use

Main product characteristics			
General Proprieties :	It conteins IPBC	It contains UV Filters	High outdoor resistance
Recommended use for :	Doors	Wooden windows	Outdoor furniture
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Topcoat with excellent chemical-phisical properties. It can be used as a self- sealer, in two or three coats. Good outdoor durability (up to 5 years in three coats)		
Mix preparation:	Ready to be applied. In case, reduce with 5% maximum of warm water		

Gloss levels available			
20 gloss	30 gloss	50 gloss	100 gloss

Colours available							
Clear	Hemlock	Larice	Castagno	Framirè	Mogano	Merbau	Noce

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	37 ± 2	Vertical Hold (µm wet)	275
Density (g/cm^3)	1,05 ± 0,02	Recommended N° of coats	2- 3
Viscosity Brookfield /CPS	40000 - 60000	Recommended quantity per coat (gr/m^2)	Min:230 max: 2 7 5
Ph	8.5-9.5	Metric yield (m^2/kg)	3 - 4

General information				
Dry at 20°C and UR% between 45 - 65: 100 g/m^2		**Dry in tunnel: 150 g/m^2**		
Dust free	15 minutes		Temperature	Time
Handling	60 minutes	Flash Off	30 °C	15 minutes
Overcoat	2 - 4 hours	Laminar Air	45 °C	90 minutes
Stackable	24 hours	Cooling	20 °C	15 minutes
Sanding	4 hours	Stackable	At Tunnel exit	

Recommended Cycle

1) Apply one coat of the impregnating agent NWEF149855, 70-90 grams per sq/mt.
2) After 2-4 hours apply the first coat of NWEA149885, 230-250 grams per sq/mt
3) Sanding after 12 hours, with sandpaper 240-320
4) Apply 1 or 2 final coats of NWEA149885.

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	5-10	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.

NWEA149885B

White Waterborne top coat, one component. Outdoor use

Main product characteristics			
General Proprieties :	High blocking resistance	It contains UV Filters	Good touch
Recommended use for :	Doors	Wooden windows	Outdoor furniture
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Topcoat with excellent chemical-phisical properties. It can be used as a self- sealer, in two coats. Good outdoor durability (up to 5 years in three coats)		
Mix preparation:	Ready to be applied. In case, reduce with 5% maximum of warm water		

Gloss levels available			
20 gloss	30 gloss	50 gloss	100 gloss

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	42 ± 2	Vertical Hold (µm wet)	300
Density (g/cm^3)	1,15 ± 0,02	Recommended N° of coats	1-2
Viscosity Brookfield /CPS	40000 - 60000	Recommended quantity per coat (gr/m^2)	Min:250 max: 3 0 0
Ph	8.5-9.5	Metric yield (m^2/kg)	3 - 4

General information				
Dry at 20°C and UR% between 45 - 65: 100 g/m^2		**Dry in tunnel: 150 g/m^2**		
Dust free	15 minutes		Temperature	Time
Handling	60 minutes	Flash Off	30 °C	15 minutes
Overcoat	2 - 4 hours	Laminar Air	45 °C	90 minutes
Stackable	24 hours	Cooling	20 °C	15 minutes
Sanding	4 hours	Stackable	At Tunnel exit	

Recommended Cycle

1) Apply one coat of the impregnating agent NWEF149855, 70-90 grams per sq/mt.
2) After 2-4 hours apply the first coat of NWEA149885B, 230-250 grams per sq/mt
3) Sanding after 12 hours, with sandpaper 240-320
4) Apply 1 ofinal coats of NWEA149885B.

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	5-10	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.

NWEA149889

Clear Waterborne top coat, one component. Outdoor use. High quality

Main product characteristics

General Proprieties :	It conteins IPBC	It contains UV Filters	Anti scratch resistance
Recommended use for :	Doors	Wooden windows	Outdoor furniture
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Topcoat with excellent chemical-phisical properties. It can be used as a self- sealer, in two or three coats. Good outdoor durability (up to 10 years in three coats)		
Mix preparation:	Ready to be applied. In case, reduce with 5% maximum of warm water		

Gloss levels available

20 gloss	30 gloss	50 gloss	100 gloss

Colours available

Clear	Hemlock	Larice	Castagno	Framirè	Mogano	Merbau	Noce

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	37 ± 2	Vertical Hold (µm wet)	275
Density (g/cm^3)	1,05 ± 0,02	Recommended N° of coats	2- 3
Viscosity Brookfield /CPS	25000 - 35000	Recommended quantity per coat (gr/m^2)	Min:230 max: 2 7 5
Ph	8.5-9.5	Metric yield (m^2/kg)	3 - 4

General information

Dry at 20°C and UR% between 45 - 65: 100 g/m^2		**Dry in tunnel: 150 g/m^2**		
Dust free	15 minutes		Temperature	Time
Handling	60 minutes	Flash Off	30 °C	15 minutes
Overcoat	2 - 4 hours	Laminar Air	45 °C	90 minutes
Stackable	24 hours	Cooling	20 °C	15 minutes
Sanding	4 hours	Stackable	At Tunnel exit	

Recommended Cycle

1) Apply one coat of the impregnating agent NWEF149855, 70-90 grams per sq/mt.
2) After 2-4 hours apply the first coat of NWEA149889, 230-250 grams per sq/mt
3) Sanding after 12 hours, with sandpaper 240-320
4) Apply 1 or 2 final coats of NWEA149889.

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	5-10	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.

NWEA149892

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

Main product characteristics			
General Proprieties :	High chemical-physical properties	It contains UV Filters	High outdoor resistance
Recommended use for :	Doors	Wooden windows	Outdoor furniture
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Topcoat with excellent chemical-phisical properties, low voc, 0 emission. It can be used as a self- sealer, in two coats.		
Mix preparation:	NWEA149892 needs to be hardened with **NCW78** at 10% by weight. If necessary, reduce with with warm water from 10 to 20% and stir properlyl 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							
Clear	Hemlock	Larice	Castagno	Framirè	Mogano	Merbau	Noce

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	32 ± 2	Vertical Hold (µm wet)	250
Density (g/cm^3)	1,04 ± 0,02	Recommended N° of coats	1 - 2
Viscosity Brookfield /CPS	20000 - 30000	Recommended quantity per coat (gr/m^2)	min: 125 max: 150
Pot Life	3 hours	Metric yield (m^2/kg)	4 - 6

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		Temperature	Time
Handling	60 minutes	Flash Off	30 °C	10 minutes
Overcoat	2 - 4 hours	Laminar Air	45 °C	30 minutes
Stackable	8 - 12 hours	Cooling	20 °C	10 minutes
		Stackable	At Tunnel exit	

Recommended Cycle

1) Apply one coat of the impregnating agent NWEF149855, 70-90 grams per sq/mt.
2) After 2-4 hours apply the first coat of NWEA149892, 125-150 grams per sq/mt
3) Sanding after 12 hours, with sandpaper 240-320
4) Apply 1 or 2 final coats of NWEA149892.

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.

NWEA149892B

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

Main product characteristics			
General Proprieties :	High chemical-physical properties	It contains UV Filters	Fast drying
Recommended use for :	Doors	Wooden windows	Outdoor furniture
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Topcoat with excellent chemical-phisical 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:	NWEA149892B needs to be hardened with **NCW78** at 10% by weight. If necessary, reduce with with warm water from 10 to 20% and stir properlyl 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)		Application Properties	
Solid Content (%)	43 ± 2	Vertical Hold (µm wet)	250
Density (g/cm^3)	1,25 ± 0,02	Recommended N° of coats	1 - 2
Viscosity Brookfield /CPS	20000 - 30000	Recommended quantity per coat (gr/m^2)	min: 125 max: 150
Pot Life	3 hours	Metric yield (m^2/kg)	3 - 4

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		Temperature	Time
Handling	4 hours	Flash Off	30 °C	15 minutes
Overcoat	1 - 3 hours	Laminar Air	45 °C	30 minutes
Stackable	12 hours	Cooling	20 °C	15 minutes
Sanding	4 - 6 hours	Stackable	At Tunnel exit	

Recommended Cycle

1) Apply one coat of the impregnating agent NWEF149855, 70-90 grams per sq/mt.
2) After 2-4 hours apply the first coat of NWEA149892B, 125-150 grams per sq/mt
3) Sanding after 12 hours, with sandpaper 240-320
4) Apply 1 or 2 final coats of NWEA149892B.

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.

NWEA149883

Clear Waterborne top coat, one component. Outdoor use. Nature effect

Main product characteristics

General Proprieties :	It conteins IPBC	It contains UV Filters	Anti scratch resistance
Recommended use for :	Doors	Wooden windows	Outdoor furniture
Applications Method:	Spray gun	Air less	Air mix
Main characteristics :	Topcoat with excellent chemical-phisical properties. It can be used as a self- sealer, in two or three coats. Good outdoor durability. It manteins the natural color of wood.		
Mix preparation:	Ready to be applied. In case, reduce with 5% maximum of warm water		

Gloss levels available

0 gloss			

Colours available

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	30 ± 2	Vertical Hold (µm wet)	250
Density (g/cm^3)	1,03 ± 0,02	Recommended N° of coats	2
Viscosity Brookfield /CPS	17000 - 25000	Recommended quantity per coat (gr/m^2)	Min:250 max: 3 0 0
Ph	7.5-8.5	Metric yield (m^2/kg)	3 - 4

General information

Dry at 20°C and UR% between 45 - 65: 100 g/m^2		Dry in tunnel: 150 g/m^2		
Dust free	30 minutes		Temperature	Time
Handling	60 minutes	Flash Off	30 °C	15 minutes
Overcoat	4-6 hours	Laminar Air	45 °C	90 minutes
Stackable	24 hours	Cooling	20 °C	15 minutes
Sanding	4 hours	Stackable	At Tunnel exit	

Recommended Cycle

1) Apply one coat of the impregnating agent NWEF149855, 70-90 grams per sq/mt.
2) After 2-4 hours apply the first coat of NWEA149883, 230-250 grams per sq/mt
3) Sanding after 12 hours, with sandpaper 240-320
4) Apply 1 or 2 final coats of NWEA149883.

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	5-10	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.

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NWEO14945

Waterborne oil, 1 component. Outdoor use

Main product characteristics			
General Proprieties :	With IPBC	UV Filters	Water repellent
Recommended use for :	Do it your self	Garden Furniture	Panels
Applications Method:	Spray gun	Brush	Dipping
Main characteristics :	Self-sealer oil, ready to use. Pigmentable with iron oxide pigments from the NPW line. Recommended for outdoor decking.		
Mix preparation:	No dilution		

Gloss levels available			
20			

Colours available							

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	20 ± 2	Vertical Hold (µm wet)	-
Density (g/cm^3)	1,02 ± 0,02	Recommended N° of coats	1-2
Viscosity DIN 4 (sec)	50 -60	Recommended quantity per coat (gr/m^2)	min: 6 0 max:8 0
pH	8.5-9.5	Metric yield (m^2/kg)	10-15

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		Temperature	Time
Handling	60 minutes	Flash Off	30 °C	15 minutes
Overcoat	6 hours	Laminar Air	45 °C	30 minutes
Sanding	12 hours	Cooling	20 °C	15 minutes
		Stackable	At Tunnel exit	

Recommended Cycle

1) After sanding of the substrate,apply one coat of NWEO14945 (clear or pigmented)
2) Light sanding after 8 hours, with sandpaper 240-320
3) Apply the second coat of NWEO14945

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	-	2 - 2,5	3 - 4	--

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.

NWEO14997

Waterborne oil, 1 component. Outdoor use

Main product characteristics			
General Proprieties :	With IPBC	UV Filters	Water repellent
Recommended use for :	Do it your self	Garden Furniture	Panels
Applications Method:	Spray gun	Brush	Roller
Main characteristics :	Self-sealer oil, ready to use. Pigmentable with iron oxide pigments from the NPW line		
Mix preparation:	No dilution		

Gloss levels available			

Colours available							

Chemical – Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	25 ± 2	Vertical Hold (µm wet)	-
Density (g/cm^3)	1,02 ± 0,02	Recommended N° of coats	2-3
Viscosity DIN 4 (sec)	60 -70	Recommended quantity per coat (gr/m^2)	min: 6 0 max:8 0
pH	8-9	Metric yield (m^2/kg)	6-8

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		Temperature	Time
Handling	60 minutes	Flash Off	30 °C	15 minutes
Overcoat	6 hours	Laminar Air	45 °C	30 minutes
Stackable	24 hours	Cooling	20 °C	15 minutes
		Stackable	At Tunnel exit	

Recommended Cycle

1) After sanding of the substrate,apply one coat of NWEO14997 (clear or pigmented)
2) Light sanding after 8 hours, with sandpaper 240-320
3) Apply the second coat of NWEO14997

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	-	2 - 2,5	3 - 4	--

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).

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