

Waterborne industrial product line



OUR COMPANY

From its inception in 2005 by Mr. Jose Antonio Reyes to its present-day modern production facility, NOVALK has experienced harmonious growth, driven by a commitment to quality, research, and responsibility. It has emerged as a reliable and efficient partner in the field of wood and metal coatings, meeting market demands. Our strategy integrates innovation, customized production processes, and streamlined stock management to meet our customers' needs promptly. NOVALK offers three specialized product lines for wood, metal, and plastic. With a 21,000 sq.m. plant boasting a monthly production capacity of 800,000kg, coupled with a well-equipped R&D laboratory, NOVALK continuously creates and develops new solutions for the global market.

AQUANOVA was born precisely in response to the demands of the global market. It is a line of water-based coating products known for their high performance and characteristics that rival traditional solvent-based products.

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WATER BORNE LINE

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 AQUA NOVA
BY NOVALK

INDOOR

Indoor

NWIF149980

(Clear sealer high solid, two component)

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

Clear water-borne sealer, two-component with high build, low VOC, and zero emissions. It is characterized by its excellent flow, fast drying, and easy sanding

To be used with hardener NCW78 at 10% by weight and eventually reduced with 10% of warm water.

NWIF149980 has been developed for high-quality cycles, where rapid drying and excellent chemical-physical resistance are required. It is recommended for use with the NWIA149983 two-component finish



Indoor

NWIF149917B

(White high solid anti-tannin primer)

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 (cos)	1500 - 2500	Recommended quantity per coat (gr/m ²)	min: 100 max: 120
Pot Life	3 hours	Metric yield (m ² /kg)	3-4

White acrylic sealer with high build, low VOC, and zero emissions. Excellent flow. Fast drying and easy to sand. NWIF149915B can be used as a 1K or 2K product. Use hardener NCW78 at 5%. If necessary, it can be reduced with warm water up to 10%. Avoid pre-heaters. Recommended for pigmented cycles on MDF or wooden supports of various kinds. It can be overpainted with both single and bi-component finishes, whether water-based or solvent-based. With excellent anti-tannin properties.



Indoor
NWIA149921
 (Clear self-sealer top coat)

Chemical - Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	28 ± 2 1,04	Vertical Hold (µm wet)	120
Density (g/cm ³) Viscosity	1,04± 0,02	Recommended N°of coats	2
Viscosity Din 4	60"	Recommended quantity per coat (gr/m ²)	min: 100 max: 140
Pot Life	2 hours	Metric yield (m ² /kg)	4-6

Topcoat with good chemical-physical properties, low VOC, and zero emissions. It can be used as a self-sealer in two coats. Fast drying and easy to sand. Complies with EN 71-3.

NWIA149921 can be hardened with NCW78 at 5% by weight. If necessary, reduce with warm water up to 10% and stir properly with a mixer. Avoid using pre-heater units in case of bi-component application. Available in different gloss shades.



Indoor

NWIA149921B

(White sealf- sealer top coat)

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

White topcoat with good chemical-physical properties, low VOC, and zero emissions. It can be used as a self-sealer in two coats. Fast drying and easy to sand. It is characterized by good coverage and verticality

Suitable for chairs, doors, and furniture in general. NWIA149921B can be hardened with NCW78 at 5% by weight. If necessary, reduce with warm water up to 10% and stir properly with a mixer. Avoid using pre-heater units in case of bi-component application.



Indoor

NWIA149932

(Clear acrylic top coat, one component)

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

Topcoat with good chemical-physical properties, low VOC, and zero emissions. Excellent resistance to sunscreens. It complies with EN 71-3 legislation. NWIA149932 needs to be reduced with warm water up to 10%. To increase mechanical and chemical resistance, add 1-2% of the crosslinker NOVOLINK

Product designed for painting doors, panels and furniture in general.

It is characterized by excellent distension and surface resistance.



Indoor

NWIA149923B

(Coffee proof, white top coat)

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

Topcoat with good chemical-physical properties, low VOC, and zero emissions. Excellent resistance to coffee stains. Pigmentable with the NOVOTINT tinting system.

NWIA149923B is a ready-to-use white topcoat. If necessary, it can be reduced with warm water up to 10%. It is characterized by excellent chemical resistance, high coverage, and perfect flow. Anti-scratch



Indoor

NWIA149982

(Clear acrylic top coat, one component)

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

Topcoat with excellent chemical-physical properties, low VOC, and zero emissions. It can be used as a self-sealer in two coats. NWIA149982 needs to be hardened with NCW78 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. Available in different gloss shades.



Indoor

NWIA149982B

(White top coat two component)

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

White topcoat with excellent chemical-physical properties, low VOC, and zero emissions. It can be used as a self-sealer in two coats. Fast drying and pigmentable with NPW pigments. NWIA149982B needs to be hardened with NCW78 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 the case of bi-component application. Available in different shades.



Indoor

NWIA149983

(Clear two component top coat)

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

Topcoat with high build, low VOC, and zero emissions. 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.

NWIA149983 needs to be hardened with NCW78 at 20%. If necessary, it can be reduced with warm water up to 10%. Avoid pre-heaters. Best results in terms of chemical-physical resistance, suitable for painting stairs, tables, and doors.



Indoor

NWIA149919

(Clear self-sealer top coat, nature effect)

Chemical - Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	25 ± 2	Vertical Hold (µm wet)	120
Density (g/cm ³)	1,05 ± 0,02	Recommended N°of coats	1- 2
Viscosity Din (sec)	50 - 60	Recommended quantity per coat (gr/m ²)	min: 80 max: 120
pH	7 - 8	Metric yield (m ² /kg)	3 - 4

Clear topcoat with a low sheen effect. NWIA149919 doesn't change the natural color of the wood. It provides a good silky touch. NWIA149919 has to be catalyzed with NCW78 at 10%. If necessary, reduce with 10% warm water. Avoid pre-heaters. The product is recommended for painting flat surfaces with a natural effect and has self-healing properties.



Indoor

NWIA149910

(Clear self- sealer with beewax)

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)	30 - 40	Recommended quantity per coat (gr/m ²)	min: 50 max: 80
pH	7,5 - 8,5	Metric yield (m ² /kg)	6 - 8

Self-sealer topcoat with a low sheen effect. NWIA149910 doesn't change the natural color of the wood and has a superb silky touch. NWIA149910 is a ready-to-use product. To increase the chemical resistance of the film, use NCW79 at 5%.

It doesn't require dilution. It is characterized by the sweet aroma of beeswax. It can be applied by spray, brush, or roller and is easy to maintain





 **AQUA NOVA**
BY NOVALK

OUTDOOR

Outdoor

NWEF149855

(Universal impregnating agent)

Chemical - Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	12 ± 2	Interval 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: 80
PH	6,5 - 7,5	Metric yield (m ² /kg)	8 - 10

Ready-to-use impregnating agent. To be applied by spray or in flow coating. It can be tinted with water-borne pigments from the NPW line up to 5%. If needed, reduce with water up to 10% by weight.

NWEF149855 is suitable for both pine wood and hardwood. It contains IPBC and UV filters. It is recommended for the protection of outdoor windows, furniture, and doors.



Outdoor

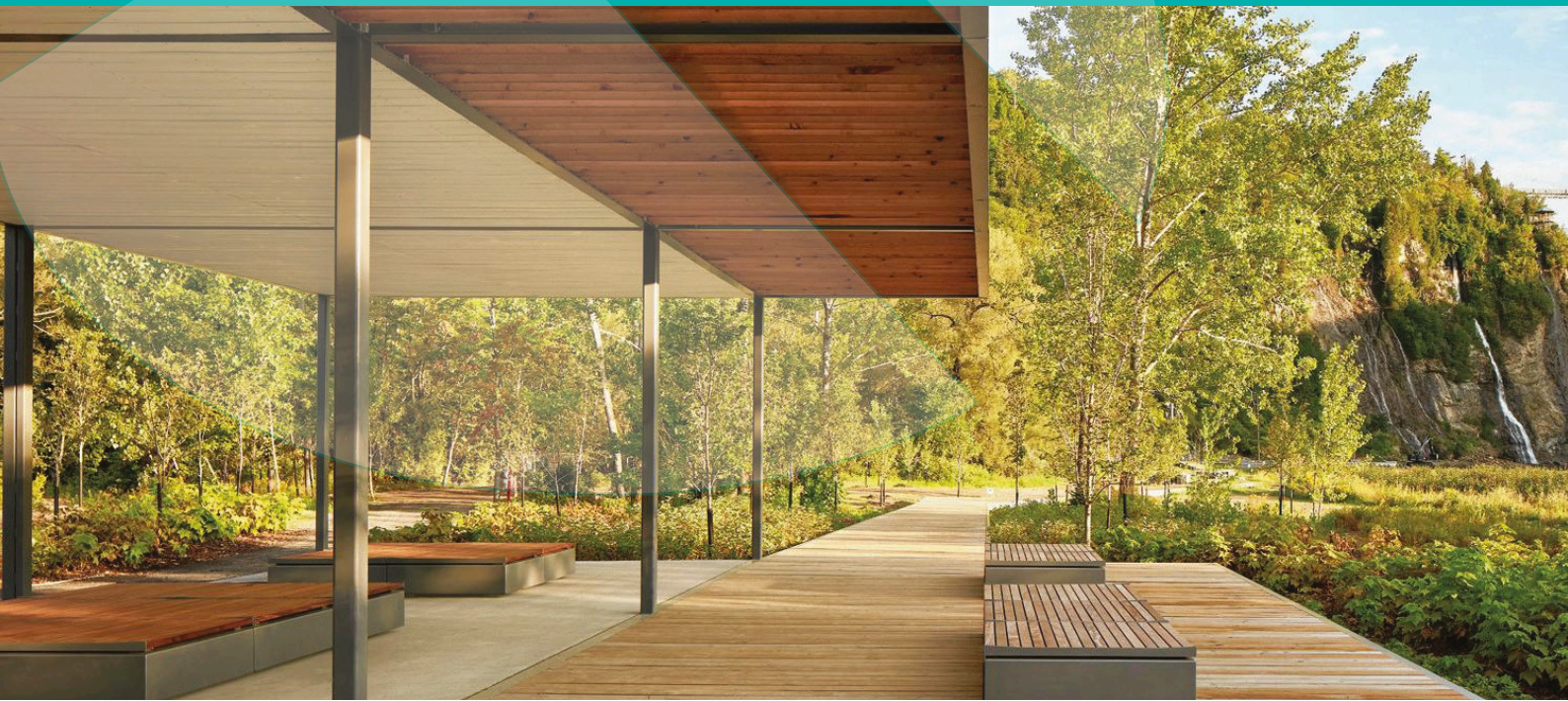
NWEA149885

(Clear self-sealer top coat)

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: 275
PH	8,5 - 9,5	Metric yield (m ² /kg)	3 - 4

Topcoat with excellent chemical-physical properties. It can be used as a self-sealer in two or three coats. Provides good outdoor durability (up to 5 years with three coats).

Ready to be applied. If necessary, reduce with a maximum of 5% warm water. It contains IPBC and UV filters. It is recommended for the protection of outdoor windows, furniture, and doors.



Outdoor

NWEA149885B

(White self-sealer top coat)

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: 300
PH	8,5 - 9,5	Metric yield (m ² /kg)	3 - 4

Topcoat with excellent chemical-physical properties. It can be used as a self-sealer in two coats. Provides good outdoor durability (up to 5 years with three coats). Ready to be applied. If necessary, reduce with a maximum of 5% warm water.

NWEA149885B is characterized by high blocking properties and a good silky touch. It contains IPBC and can be applied by standard spray gun or airless/airmix system.



Outdoor

NWEA149889

(High performance top coat)

Chemical - Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	37± 2	Vertical Hold (µm wet)	275
Density (g/cm3)	1,05 ± 0,02	Recommended N°of coats	2 - 3
Viscosity Brookfield / CPS	25000 - 35000	Recommended quantity per coat (gr/m2)	min: 230 max: 275
PH	8,5 - 9,5	Metric yield (m2/kg)	3 - 4

Topcoat with excellent chemical-physical properties. It can be used as a self- sealer, in two or three coats. Good outdoor durability (up to 10 years in three coats). Ready to be applied. In case, reduce with 5% maximum of warm water.

NWEA149889 is characterized by good anti-scratch resistance and a good silky touch. It contains IPBC and can be applied by standard spray gun or airless/airmix system.



Outdoor

NWEA149892

(Two component clear top coat)

Chemical - Physical characteristics (20 °C)		Application Properties	
Solid Content (%)	37± 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

Topcoat with excellent chemical-physical properties, low VOC, and zero emissions. It can be used as a self-sealer in two coats. NWEA149892 needs to be hardened with NCW78 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 the case of bi-component application. Available in different gloss shades, it has good adhesion on metal, aluminum, and plastic.



Outdoor

NWEA149892B

(White two component top coat)

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

Topcoat with excellent chemical-physical properties, low VOC, and zero emissions. It can be used as a self-sealer in two coats. Fast drying and pigmentable with NPW pigments.

NWEA149892B needs to be hardened with NCW78 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 bicomponent application. Fast-drying with high coverage.



Outdoor

NWEA149883

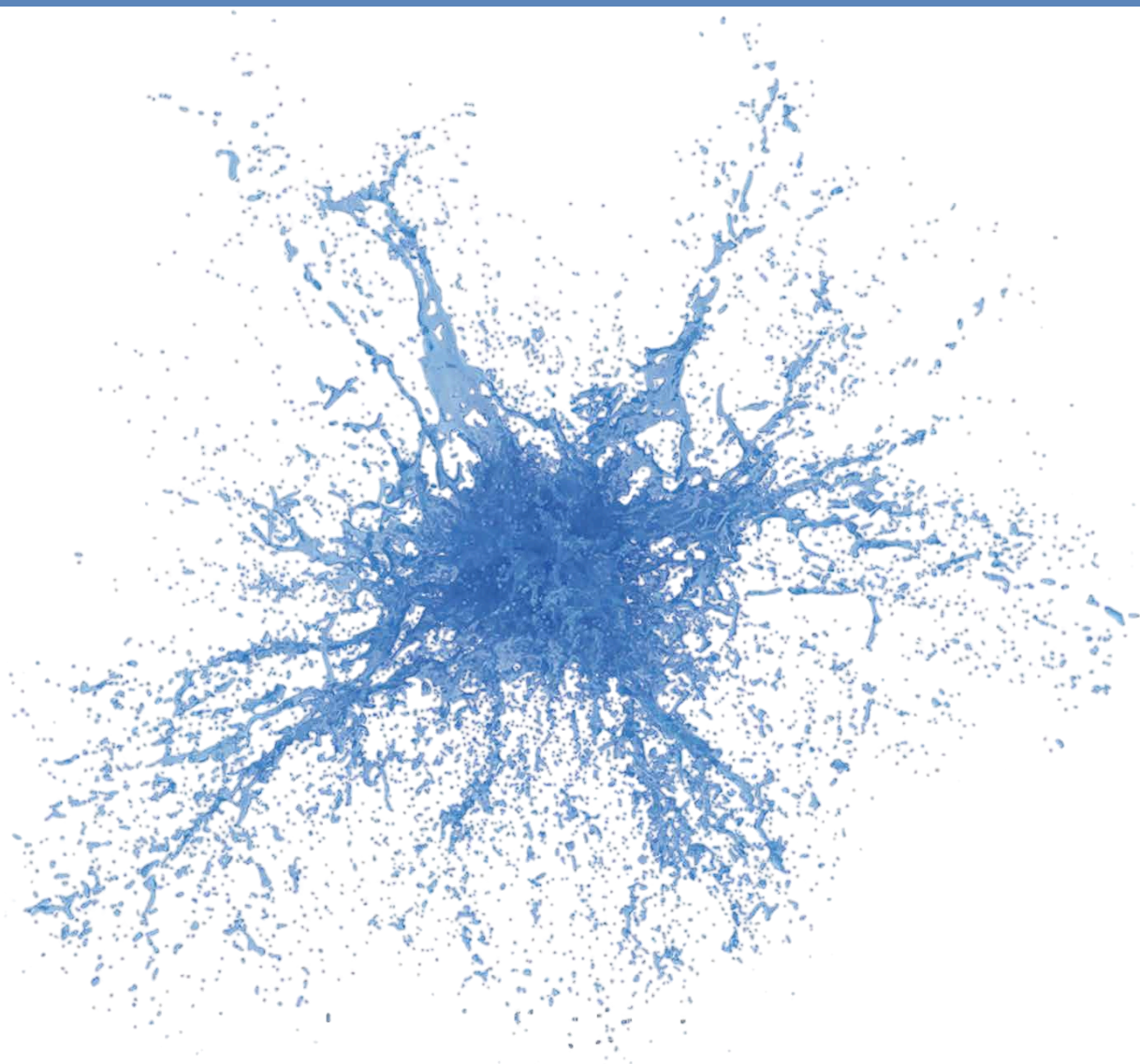
(One component nature effect)

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: 300
PH	7,5 - 8,5	Metric yield (m ² /kg)	3 - 4

Topcoat with excellent chemical-physical properties, suitable for use as a self-sealer in two or three coats. Exhibits good outdoor durability while maintaining the natural color of wood. Ready for application. If needed, it can be reduced with a maximum of 5% warm water. Contains IPBC and UV filters.

NWEA149883 is characterized by good verticality and excellent anti-scratch properties, with zero gloss effect.





NOVALK
COATINGS

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