

Technical Data Sheet

NM821-0025

Brilliant Exclusive 25

Product description

One component solvent borne lacquer. For allround application and most wooden substrates. Can be used both as multicoat lacquer and together with a sealer.. Good softness to the touch. Good filling properties. If higher resistance is required add TV132. without external crosslinking the chemical resistance are limited.

Product data

Gloss:	23-27		
Solid content:	31 ±1	[weight %] theoretical	
Specific gravity:	960-1020	[kg/m ³]	
Viscosity:	40-50	[s] DIN 4	test performed at 23 °C

Frost sensitive:	No	
Storing incl transportation:	12 months	At 0-30 °C Storing at higher temperature reduces shelf life, do not expose to direct sunlight To achieve the best result and consistency follow the application and surface temperatures given in Schedule of Application for each specific technology and production line.
Process Temperature:	18-30 °C	

Mixing/Application

Recommended application method	Hardener	Amount hardener [Parts by vol]	Dilutant	Application viscosity	Application amount [g/m ²]	Notes
Air mix spraying	TV132	7		delivered	80-120	Hardener added to 100 vol parts of paint
Air less spraying	TV132	7		delivered	80-120	Hardener added to 100 vol parts of paint

Stir well before use!

Cleaning:	NT019 DT890
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Drying

Method	Drying condition	Drying time	Notes
Air Drying	20 °C	8-10 h	depends on amount applied
Forced drying	50 °C	20-30 min	depends on amount applied

All kind of drying requires good ventilation and circulation

Do not stack before surface temperature below 30 °C

Exterior products: should not be exposed to water, water condensation or temperatures below 0 °C with in 48 h after application

Curing

UV-dose	Min UV dose [mJ/cm ²]	Rec min Peak. [mW/cm ²]	Min UV dose [mJ/cm ²]	Rec min Peak. [mW/cm ²]
	Hg lamps (280-320 nm)	Hg	Ga lamps (390-450 nm)	Ga
Full cure	N/A			
Semi cure	N/A			

Note - Required Peak/Energy is depending on several factors, such as substrate, amount of application, number of layers and type of UV oven / reflectors. Recommended application amounts and Peak/Energy values will be stated in the finishing instruction/process control submitted by technician.

General information

According to Swedish legislation we provide information regarding dangerous materials. The Safety Data Sheet contains facts about the components, primarily solvents and acids which present the dangerous characteristics. The Safety Data Sheet will be sent on request. All values and recommendations above are to be considered as guidance only. Many factors beyond our control may have an influence on the coating result. Should a problem arise, please contact us and we will advise accordingly. We reserve the right to alter the above specifications.

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