

Technical Data Sheet

SX1421-9024

Laqvin Ton

Product description

Waterborne Lacquer for exterior finishing. Designed for windows, doors, garden furniture and other wooden surfaces with good outdoor durability. This stain gives a good appearance and flat look even on greasy substrates. Stains and lacquers exposed to weather should be impregnated. This stain should be over coated with a lacquer containing pigments, to improve the exterior durability.

Product data

Solid content:	27 ±1	[weight %] theoretical	
Specific gravity:	1025 ±30	[kg/m ³]	
Viscosity:	10-14	[s] DIN 4	test performed at 23 °C
Flammable:	No	Flash point > 55°C	
Frost sensitive:	Yes		
Storing:	6 months	At 5-30 °C	Storing at higher temperature reduces shelf life, do not expose to direct sunlight

Mixing/Application

Recommended application method	Hardener	Amount hardener [Parts by vol]	Dilutant	Application viscosity	Application amount [g/m ²]	Notes
Air mix spraying			Water	Del. Viscosity	40-80	
Air less spraying			Water	Del. Viscosity	40-80	
High speed bell/disc			Water	Del. Viscosity	40-80	
Conventional spraying			Water	Del. Viscosity	40-80	
Stir well before use!						
Cleaning:	Water					
	XX699					

Drying

Method	Drying condition	Drying time	Notes
Air Drying	Room temperature, 20 °C	> 1 hour	To handling
Forced drying	30-40 °C	20-30 minutes	To handling
Forced drying	40-50 °C	5-10 minutes	To handling
IRM	Not recommended		

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 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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