

Technical Data Sheet

EG1507-91533

Laqvin Top 30 Base C

Product description

Water borne Topcoat for exterior finishing. Designed for windows, doors and other wooden surface.. Provides a flexible finishing with excellent weatherproof properties. Characteristic for this top coat is the increased resistance to scratches and better stackability. Could also be used together with crosslinker EV3001 with even better properties (water resistant, scratch resistant and stackability). This topcoat is the final layer in a finishing system containing an impregnator and a primer.

Product data

Gloss:	27-33	Gardner 60°
Solid content:	41 ±1	[weight %] theoretical
Specific gravity:	1040 ±30	[kg/m³]
Viscosity§	98-104	[KU] Stormer
pH	7-9,5	
Frost sensitive:	Yes	
Storing:	6 months	At 5-30 °C Storing at higher temperature reduces shelf life, do not expose to direct sunlight
Process Temperature:	18-30 °C	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.

Mixing/Application

Recommended application method	Hardener	Amount hardener [Parts by vol]	Dilutant	Application viscosity	Application amount [g/m²]	Notes
Air mix spraying			Water	Del. Viscosity	125-200	Paint pressure: > 80 Bar
Air less spraying			Water	Del. Viscosity	125-200	Paint pressure: > 140 Bar
High speed bell/disc			Water	Del. Viscosity	125-175	
Conventional spraying						Not recommended
Stir well before use!						
Cleaning:	Water XX699					

Drying

Method	Drying condition	Drying time	Notes
Air Drying	20 °C	> 2 h	To handling
Forced drying	30-40 °C	30-60 min	To handling

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/cm2]	Rec min Peak. [mW/cm²]	Min UV dose [mJ/cm2]	Rec min Peak. [mW/cm²]
	Hg lamps (280-320 nm)	Hg	Ga lamps (390-450 nm)	Ga
Full cure	N/A		N/A	
Semi cure	N/A		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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