

Technical Data Sheet

EG1509-55053

Laqvin Top 30

Product description

Waterborne topcoat for exterior finishing. EG1509 is designed for wood, alu /wood windows and exterior door frames made of Pine wood. It provides a very good and fast stackability, good scratch and early water resistance.

ED1401 or ED1422 should be used as a primer.

Product data

Gloss:	29-35	Gardner 60°	
Solid content:	49 ±1	[weight %] theoretical	
Specific gravity:	1200 ±30	[kg/m ³]	
Viscosity:	92-98	[KU] Stormer	test performed at 23 °C
pH:	8,1-8,7		
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/m ²]	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/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		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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