

Technical Data Sheet

AA1951
Laqvin Seal

Product description

Waterborne wood protection for industrial application on new solid soft or hardwood for exterior use in combination with both water- and solvent borne products. The product penetrates fast into the wood meaning quick overcoat ability. AA1950 is intended for exterior windows and doors in hazard class 2 or 3 according to EN599-1 and EN355-1, the product provides excellent protection against wood destroying fungi and discolouration by blue stain and moulds. AA1950 meets the demands in EN 84, EN 73, EN 113 and EN 152.
BPD Reference code: Depend by country

Product data

Gloss:	N/A	Gardner 60°
Solid content:	5 ±1	[weight %] theoretical
Specific gravity:	980-1040	[kg/m ³]
pH:	7,5-8,5	
Frost sensitive:	Yes	
Storing incl transportation:	12 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]	Diluant	Application viscosity	Application amount [g/m ²]	Notes
Dipping/Flow coating			Water	delivered	80 - 120	

Stir well before use!

Cleaning: Water
XX699

Drying

Method	Drying condition	Drying time	Notes
Air Drying	20 °C	1-3 h	
Forced drying	30-40 °C	15-60 min	

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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