

Technical Data Sheet

ED1227-9011

Laqva Prime

Product description

Waterborne primer for solid wood and MDF. Fast drying product that give a filled surface with low fibre swelling. Can be used both as one layer and two layer primer. The two layer system gives the best look.

Product data

Gloss:	N/A	Gardner 60°
Solid content:	60 ±1	[weight %] theoretical
Specific gravity:	1460 ±30	[kg/m³]
Viscosity:	45-50	[s] DIN 6
pH:	7-9,5	test performed at 23 °C
Frost sensitive:	Yes	
Storing:	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]	Dilutant	Application viscosity	Application amount [g/m²]	Notes
Air mix spraying			Water	delivered	100-150	
Air less spraying			Water	delivered	100-150	Paint pressure should be above 120 bar
Stir well before use!						
Cleaning:	XX699 Water					

Drying

Method	Drying condition	Drying time	Notes
Forced drying	50 °C	5-10 min	depends on amount applied
Air Drying	20 °C	20-25min	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/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			
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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