

# Technical Data Sheet

ED1422-9003

Laqvin Proof

## Product description

Waterborne primer for exterior finishing. Designed for windows, doors and other high quality wooden surfaces. Provides a flexible finishing with very good outdoor durability. Characteristic for this primer is the delaying of knot-yellowing on Pine, good water barrier properties and very good body / filling properties. Could also be used together with crosslinker EV3020 with even better properties. Paints exposed to weather should be impregnated. This primer should be over coated with a topcoat .

## Product data

<b>Gloss:</b>	8-12	Gardner 60°
<b>Solid content:</b>	55 ±1	[weight %] theoretical
<b>Specific gravity:</b>	1290-1350	[kg/m³]
<b>Viscosity:</b>	80-86	[KU] Stormer
<b>pH:</b>	8,5-9,5	test performed at 23 °C
<b>Frost sensitive:</b>	Yes	
<b>Storing and transportation:</b>	6 months	At 5-30 °C Storing at higher temperature reduces shelf life, do not expose to direct sunlight
<b>Process Temperature:</b>	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	150-200	Paint pressure > 80 bar
Air less spraying			Water	Del. Viscosity	150-200	Paint pressure >140 bar
High speed bell/disc			Water	Del. Viscosity	150-200	
Conventional spraying	Not recommended					
<b>Stir well before use!</b>						
<b>Cleaning:</b>	Water XX699					

## Drying

Method	Drying condition	Drying time	Notes
Air Drying	Room temperature 20 °C	> 2 hours	To handling
Forced drying	30-40 °C	30-60 minutes	To handling
Forced drying	40-50 °C	20-30 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/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
<b>Full cure</b>	N/A			
<b>Semi cure</b>	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.

Date issued: **2019-05-28**

Latest update: 230918