

Technical Data Sheet

EG1544-55152

Laqvin Fast Dry Combi

Product description

Water borne combiprodukt for exterior cladding made of Pine, Spruce. Provides a flexible and tough surface finishing with excellent outdoor durability. Characteristic for this top coat is the very fast drying with excellent stackability.

Product data

Gloss:	10-20	Gardner 60°
Solid content:	49 ±1	[weight %] theoretical
Specific gravity:	1240 ±30	[kg/m ³]
Viscosity:	60-66	[KU] Stormer
pH	8,5-9	
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	0-5 %	125-200	Paintpressure > 80 bar
Air less spraying			Water	0-5 %	125-200	Paintpressure > 140 bar
Brush machine			Water	0-5 %	125-200	
Vacuumat			Water	0-5 %	125-200	

Stir well before use!

Cleaning: Water
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Drying

Method	Drying condition	Drying time	Notes
Air Drying	Room Temperature 20 °C	> 2 hours	To handling
Forced drying	30 - 40 °C	6 min*	Drying conditions might need to be optimized
Forced drying	40 - 50 °C	6 min*	Drying conditions might need to be optimized
IRM		6 min*	Drying conditions might need to be optimized

* Under optimum conditions total drying time, SW can help you to optimize your drying conditions

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.

Date issued:2018-12-14

Latest update: 181003