

Technical Data Sheet

GA1826-0109

Natura Oil

Product description

Ready for use solvent borne oil for priming of window joinery and other exterior surfaces. Penetrates well into the wooden substrates. Gives very slight grain raising of the wood. Reduce the moisture pickup in the wood substrate and the grain raising with following surface treatment.

WARNING! There is a possible risk of spontaneous combustion from saturation of brushes and/or wiping cloths.

Product data

Gloss:	N/A	Gardner 60°	
Solid content:	43 ±1	[weight %] theoretical	
Specific gravity:	860 ±30	[kg/m ³]	
Viscosity:	13-15	[s] DIN 4	test performed at 23 °C
Frost sensitive:	No		
Storing:	12 months	At 0-30 °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 [s] DIN 4	Application amount [g/m ²]	Notes
Conventional spraying			AT057	delivered	60-80	
Dipping			AT057	13-15	60-80	
Wiping				delivered	60-80	
Stir well before use!						
Cleaning:	NT019 DT890					

Drying

Method	Drying condition	Drying time	Notes
Air Drying	20 °C	>24 h	depends on amount applied
Forced drying	35 °C	<12 h	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/cm ²] Hg lamps (280-320 nm)	Rec min Peak. [mW/cm ²] Hg	Min UV dose [mJ/cm ²] Ga lamps (390-450 nm)	Rec min Peak. [mW/cm ²] 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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