

Technical Data Sheet

TH1850-90245

Reafen Base D

Product description

Two pack solventborne top coat for window fittings and other exterior wooden surfaces. Meets high demands such as high build, toughness and appearance. Reafen Prime is recommended for piming.

Product data

Gloss:	50-55	Gardner 60°	
Solid content:	60 ±1	[weight %] theoretical	
Specific gravity:	1130 ±30	[kg/m ³]	
Viscosity:	140-150	[s] DIN 4	test performed at 23 °C
Frost sensitive:	No		
Storing:	6 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	Application amount [g/m ²]	Notes
Air mix spraying	TV300	25	NT019	20-30	125-150	Hardener added to 100 vol parts of paint
Air less spraying	TV300	25	NT019	20-30	125-150	Hardener added to 100 vol parts of paint

Stir well before use!

Cleaning:	NT019 DT890
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Drying

Method	Drying condition	Drying time	Notes
Air Drying	20 °C	10-15 h	To handling
Forced drying	40 °C	1-2 h	To handling

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		N/A	
Semi cure	N/A		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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