

Technical Data Sheet

DM1302-0025

Care Clear 25

Product description

Acid catalyst clear lacquer. This is a full body clear lacquer for 'filled pore' look suitable for most wooden substrates giving a hard and resistant surface with good chemical and mechanical properties. The product can be used either with a sealer or as a multicoat and has good vertical spray properties without sagging, excellent clarity and air release. DM1302 contains UV protection for reduced yellowing and is a good choice for marine furnishing. Not suitable for fast production lines.

Product data

Gloss:	24-26	Gardner 60°	
Solid content:	59 ±1	[weight %] theoretical	
Specific gravity:	1005 ±30	[kg/m ³]	
Viscosity:	145-155	[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 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.
Process Temperature:	18-30 °C		

Mixing/Application

Recommended application method	Hardener	Amount hardener [Parts by vol]	Diluant	Application viscosity [s] DIN 4	Application amount [g/m ²]	Notes
Air mix spraying	DV309	8	DT890	17-25	80-120	Hardener added to 100 vol parts of paint
Stir well before use!						
Cleaning:	NT019 DT890					

Drying

Method	Drying condition	Drying time	Notes
Air Drying	20 °C	16-20 hours	Depends on amounts applied
Forced drying	50 °C	60+ mins	Depends on amounts applied

All kind of drying requires good ventilation and circulation
Do not stack before surface temperature below 30 °C

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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