

# Technical Data Sheet

## DM 302-0025

### Care Clear 25

#### Product description

Acid catalyst clear lacquer. This is a general purpose lacquer for most wooden substrates. A high body product giving very filled surface. Gives a hard and resistant surface with good chemical and mechanical properties. The product can be used either with a sealer or as a multicoat application. Not suitable for fast production lines. Low formaldehyde formation during application, drying and from the dried film

#### Product data

<b>Solid content:</b>	55 ±1	[weight %] theoretical	
<b>Specific gravity:</b>	1000 ±30	[kg/m <sup>3</sup> ]	
<b>Viscosity:</b>	85-100	[s] DIN 4	test performed at 23 °C
<b>Flammable:</b>	Yes	Flash point < 55°C	
<b>Frost sensitive:</b>	No		
<b>Storing:</b>	6 months	At 0-30 °C	Storing at higher temperature reduces shelf life, do not expose to direct sunlight

#### Mixing/Application

Recommended application method	Hardener	Amount hardener [Parts by vol]	Dilutant	Application viscosity [s] DIN 4	Application amount [g/m <sup>2</sup> ]	Notes
Air mix spraying	DV320	10	DT890	17-25	80-120	Hardener added to 100 vol parts of paint
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 h	Depends on amounts applied
Forced drying	50 °C	40-60 min	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 <sup>2</sup> ]	Rec min Peak. [mW/cm <sup>2</sup> ]	Min UV dose [mJ/cm <sup>2</sup> ]	Rec min Peak. [mW/cm <sup>2</sup> ]
	Hg lamps (280-320 nm)	Hg	Ga lamps (390-450 nm)	Ga
<b>Full cure</b>	N/A		N/A	
<b>Semi cure</b>	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.

Date issued: **2012-02-06** (Valid 1 year from issue date)

Latest update: 111219