

# Technical Data Sheet

UM1178-0010

Uvett Clear 10

## Product description

Clear 100% UV topcoat for interior furnitures. Gives a smooth and attractive surface results. Possible to get very low glosses since the product has good stability against sheering even at these low levels. Typical surface appearance is expected to be around 10 gloss units depending on the application amount and the drying/curing conditions.

## Product data

<b>Gloss:</b>	8-15	Gardner 60°	Note: Gloss level can vary depending on substrate, applied amount and curing conditions
<b>Solid content:</b>	98 ±1	[weight %] theoretical	
<b>Specific gravity:</b>	1160 ±30	[kg/m <sup>3</sup> ]	
<b>Viscosity:</b>	700-900	[mPas] Viscosimeter	
<b>Frost sensitive:</b>	No		
<b>Storing:</b>	12 months	At 0-30 °C	Storing at higher temperature reduces shelf life, do not expose to direct sunlight
<b>Process Temperature:</b>	20-50 °C		To achive 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 <sup>2</sup> ]	Notes
Roller coater "smooth"				delivered	3-6	
<b>Stir well before use!</b>						
<b>Cleaning:</b>	NT019					
	XX1811					

## Drying

Method	Drying condition	Drying time	Notes
N/A			

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>	270	300		
<b>Semi cure</b>				

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: 2019-02-19

Latest update: 181002