

Technical Data Sheet

UL1364BF
Uvett Seal

Product description

Monomer free UV-curable sealer for treatment of most common wood substrates. Tough lacquer with good filling properties and adhesion to oily substrates e.g. pine knots. Also good transparency on stained surfaces. BF stand for Bensophenone free.

Product data

Gloss:	N/A	Gardner 60°	
Solid content:	99 ±1	[weight %] theoretical	
Specific gravity:	1300-1580	[kg/m ³]	
Viscosity:	9000-11500	[mPas] Rheometer	test performed at 23 °C
Frost sensitive:	No		
Storing incl transportation:	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	Application amount [g/m ²]	Notes
Roller coater "smooth"				delivered	10-40	
						Stir well before use!
Cleaning:	NT019 XT1000					

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 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	120	300	N/A	
Semi cure	50	300	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 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.

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