SHERWIN-WILLIAMS

Technical Data Sheet

UF320
Uvett Seal

Product description

100% UV sealerfor MDF and other board materials. Has good flow and leveling. The product is monomer free and a good candidate to use for "svanen" systems. It has good adhesion to different substrates. Due to the formulation the ready surface is quite tough to sand.

Product data

Gloss:	N/A		Gardner 60°	
Solid content:	99	±1	[weight %] theoretical	
Specific gravity:	1270	±30	[kg/m³]	
Viscosity:	4500-5500		[mPas] Viscosimeter	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	
Process Temperature:		20-50 °C	To achive the best result and consistency follow the application and surface temperatures given in Schedule of Apllication for each specific technology and production line.	

Mixing/Application

Recommended application method	Hardener	Amount hardener [Parts by vol]	Dilutant	Application viscosity	Application amount [g/m²]	Notes
Roller coater "smooth"				delivered	10-40	

Stir well before use!

Cleaning: 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/cm2] Hg lamps (280-320 nm)	Rec min Peak. [mW/cm²] Hg	Min UV dose [mJ/cm2] Ga lamps (390-450 nm)	Rec min Peak. [mW/cm²] Ga
Full cure	450	300		
Semi cure	150			

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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