

Technical Data Sheet

UF1389-9001

Uvett Prime

Product description

100% UV monomer free pigmented primer for MDF and other board materials. Has an excellent hiding and good flow and leveling. Optimal for high application amounts.

Product data

Gloss:	N/A	Gardner 60°	
Solid content:	99 ±1	[weight %] theoretical	
Specific gravity:	1790 ±30	[kg/m³]	
Viscosity:	1350-1650	[mPas] Viscosimeter	23 °C
Frost sensitive:	No		
Storing:	12 month	At 0-30 °C	Storing at higher temperature reduces shelf life, do not expose to direct sunlight
Process Temperature:	20-50 °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/m²]	Notes
Roller coater "smooth"				delivered	10-15	
Roller coater "opti"					20-30	
						Stir well before use!
Cleaning:	XX1812 NT019					

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

Exterior products: should not be exposed to water, water condensation or temperatures below 0 °C with in 48 h after application

Curing

UV-dose	Min UV dose [mJ/cm2]	Rec min Peak. [mW/cm²]	Min UV dose [mJ/cm2]	Rec min Peak. [mW/cm²]
	Hg lamps (280-320 nm)	N/A	Ga lamps (390-450 nm)	Ga700 mW
Full cure	N/A	N/A	N/A	N/A
Semi cure	N/A	N/A	400	700

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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