SHERWIN-WILLIAMS.

Technical Data Sheet

WF1800-9003 Aqualight Prime

Product description

Waterborne-UV primer for interior furniture and fittings. Has good flow and body that carries the topcoat well. Fast drying and possible to sand directly after curing.

Gloss:	N/A		Gardner 60°				
Solid content:		60 ±1		[weight %] theoretical			
Specific gravity:	1360 ±30		[kg/m ³] [s] DIN 4 test performed at 23 °C				
Viscosity:	75-81	75-81			test performed	at 23 °C	
pH:	7,5-8						
Frost sensitive:		No					
Storing:		6 months	At 0-30 °C				
			Storing at higher temp	perature reduces sh	elf life, do not expo	se to direct sunlight	
						on and surface temperatures	
Process Temperature:		18-30 °C	given in Schedule of A	ollication for each s	pecific technology a	nd production line.	
Mixing/Application							
Recommended application	-	Amount		Application	Application		
method	Hardener	hardener	Dilutant	viscosity	amount	Notes	
		[Parts by vol]		[s] DIN 4	[g/m²]		
Air mix spraying		[i dits by toi]		delivery	100-150		
Air less spraying				delivery	100-150	Paint pressure should be above 120 bar	
				uchitery	100 100		
			Stir well before use	e!			
Cleaning:	NT019						
5	XX1811						
Drying							
Method	Drying o	Drying condition		Drying time		Notes	
Air Drying	20) °C	30-40 min		Depends on amounts applied		
Forced drying	50) °C	8-15 min		Depends on amounts applied		
All kind of drying requires good ve	entilation and circula	tion					
Do not stack before surface temp							
Do not stack before surface temp	perature below 30 °C		Rec min Peak.	Min L	JV dose	Rec min Peak.	
Do not stack before surface temp	berature below 30 °C		Rec min Peak.		JV dose /cm²]	Rec min Peak. [mW/cm²]	
Do not stack before surface temp	erature below 30 °C Min U [سار	IV dose /cm²]	[mW/cm ²]	[m]	/cm²]	[mW/cm²]	
Do not stack before surface temp Curing JV-dose	erature below 30 °C Min U [mJ, Hg lamps (2	• IV dose /cm²] 280-320 nm)		[mJ Ga lamps (/cm²] 390-450 nm)	[mW/cm²] Ga	
Do not stack before surface temp Curing JV-dose	Min U [mJ, Hg lamps (2 N	IV dose /cm²] 280-320 nm) //A	[mW/cm ²]	[mJ Ga lamps (8	/cm²] 390-450 nm) 800	[mW/cm²]	
Do not stack before surface temp Curing JV-dose Full cure Semi cure	Min U [m], Hg lamps (2 N N	: /cm²] 280-320 nm) I/A	[mW/cm²] Hg	[mJ Ga lamps (8 N	//cm²] 390-450 nm) 300 I/A	[mW/cm²] Ga 600	
Do not stack before surface temp Curing JV-dose Full cure Semi cure Note - Required Peak/Energy is do	Min U Min U [mJ, Hg lamps (2 N N epending on several	IV dose /cm²] 280-320 nm) I/A I/A factors, such as sut	[mW/cm²] Hg pstrate, amount of appli	[mJ Ga lamps (8 N cation, number of la	/cm²] 390-450 nm) 300 J/A ayers and type of UN	[mW/cm²] Ga	
Do not stack before surface temp Curing UV-dose Full cure Semi cure Note - Required Peak/Energy is da amounts and Peak/Energy values	Min U Min U [mJ, Hg lamps (2 N N epending on several	IV dose /cm²] 280-320 nm) I/A I/A factors, such as sut	[mW/cm²] Hg pstrate, amount of appli	[mJ Ga lamps (8 N cation, number of la	/cm²] 390-450 nm) 300 J/A ayers and type of UN	[mW/cm²] Ga 600	
amounts and Peak/Energy values General information	Min U Min U [mJ, Hg lamps (2 N N epending on several will be stated in the	IV dose /cm²] 280-320 nm) I/A I/A factors, such as sub finishing instruction	[mW/cm²] Hg ostrate, amount of appli n/process control subm	[mJ Ga lamps (8 N cation, number of li itted by technician.	/cm²] 390-450 nm) 300 J/A ayers and type of U\	[mW/cm ²] Ga 600 / oven / reflectors. Recommended application	
Do not stack before surface temp Curing UV-dose Full cure Semi cure Note - Required Peak/Energy is dr amounts and Peak/Energy values General information	Min U Min U [mJ, Hg lamps (2 N vepending on several will be stated in the we provide informati	IV dose /cm²] 280-320 nm) I/A I/A factors, such as sub finishing instruction	[mW/cm ²] Hg pstrate, amount of appli n/process control subm	[mJ Ga lamps (8 N cation, number of l itted by technician.	/cm ²] 390-450 nm) 300 J/A ayers and type of UN tains facts about the	[mW/cm ²] Ga 600 / oven / reflectors. Recommended application components, primarily solvents and acids which	
Do not stack before surface temp Curing JV-dose Full cure Semi cure Note - Required Peak/Energy is di amounts and Peak/Energy values General information According to Swedish legislation of present the dangerous characteri	Min U Min U [mJ, Hg lamps (2 N N epending on several will be stated in the we provide informati istics. The Safety Dat	IV dose /cm²] 280-320 nm) I/A I/A factors, such as sub finishing instruction ion regarding dange ta Sheet will be sent	[mW/cm ²] Hg pstrate, amount of appli n/process control subm erous materials. The Saf	[mJ Ga lamps (8 N cation, number of la itted by technician. ety Data Sheet cont ind recommendation	/cm ²] 390-450 nm) 300 J/A ayers and type of UN tains facts about the ons above are to be o	[mW/cm ²] Ga 600 / oven / reflectors. Recommended application components, primarily solvents and acids which considered as guidance only. Many factors beyond	
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