SHERWIN-WILLIAMS.

Technical Data Sheet

EG1101-91533 Laqva Top 30 Base C

Product description

A one component waterborne topcoat aimed for use for furniture and interior joinery. Both solid wood and MDF are suitable substrates. EG1101 is fast drying with excellent stackability particularly on fast industrial lines using force drying combination IRM and jetted air.

Product data							
iloss:	25-3	5	Gardner 60°				
olid content:	3	7 ±1	[weight %] theoreti	cal			
Specific gravity:	1000-1060)	[kg/m³]				
/iscosity:	30-3	5	[s] DIN 6		test performed a	t 23 °C	
oH:	7-9,	5					
Frost sensitive:		Yes					
Staring incl transportation		12 months	At 5-30 °C	Storing at higher ter	mperature reduces sh	nelf life, do not expose to direct sunligh	t
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		Amount		Application	Application		
nethod	Hardener	hardener	Dilutant		Application amount	Notes	
lietilou	naiuerier	[Parts by vol]	Diutant	viscosity	amount [g/m²]	NULES	
Air loss spraving		[Parts by voi]	Watar	delivered			
Air less spraying Roller coater filler machine			Water Water	delivered delivered	90-120 90-120		
			water	denvered	90-120		
			Stir well before use	1			
Cleaning:	XX699						
	Water						
Drying Method	Drying condition		Drying time		Notes		
		50 ° C		5-10 min		depends on amount applied	
	5				-		
Forced drying Air Drying	5	0 ° C 0 °C		0 min 0 min	depends on amo		
\ir Drying	5	0°C			-		
Air Drying Il kind of drying requires good ver 90 not stack before surface temper	5 2 ntilation and circulati rature below 30 °C	0 °C	25-3	0 min	depends on amo		
I kind of drying requires good ver to not stack before surface temper xterior products: should not be ex	5 2 ntilation and circulati rature below 30 °C	0 °C	25-3	0 min	depends on amo		
Air Drying All kind of drying requires good ver Do not stack before surface temper xterior products: should not be ex Curing	5 2 ntilation and circulati rature below 30 °C xposed to water, wat	0 °C	25-3	0 min C with in 48 h after app	depends on amo		
Air Drying Il kind of drying requires good ver to not stack before surface temper xterior products: should not be ex Curing	5 ntilation and circulati rature below 30 °C xposed to water, wat	0 °C on er condensation or t	25-3 emperatures below 0 °(0 min 2 with in 48 h after app Min l	depends on amo	unt applied	
Air Drying Il kind of drying requires good ver to not stack before surface temper xterior products: should not be ex Curing	5 ntilation and circulati rature below 30 °C xposed to water, wat Min I	0 °C on er condensation or t JV dose I/cm2]	emperatures below 0 °C	0 min <u>C with in 48 h after app</u> Min l [mJ	depends on amount of the second secon	unt applied Rec min Peak.	
Il kind of drying requires good ver to not stack before surface temper xterior products: should not be ex Curing IV-dose	5 ntilation and circulati rature below 30 °C xposed to water, wat Min I [m. Hg lamps	0 °C on er condensation or t JV dose	emperatures below 0 °C Rec min Peak. [mW/cm ²]	0 min <u>C with in 48 h after app</u> Min l [mJ	depends on amou	unt applied Rec min Peak. [mW/cm ²]	
Air Drying Il kind of drying requires good ver to not stack before surface temper xterior products: should not be ex Curing IV-dose full cure	5 2 ntilation and circulati rature below 30 °C xposed to water, wat Min I [m. Hg lamps N/A	0 °C on er condensation or t JV dose I/cm2]	emperatures below 0 °C Rec min Peak. [mW/cm ²]	0 min <u>C with in 48 h after app</u> Min l [mJ	depends on amount of the second secon	unt applied Rec min Peak. [mW/cm ²]	
Air Drying All kind of drying requires good ver to not stack before surface temper xterior products: should not be ex Curing JV-dose Full cure feemi cure	5 ntilation and circulati rature below 30 °C xposed to water, wat Min to [m. Hg lamps of N/A N/A	0 °C on er condensation or t JV dose I/cm2] (280-320 nm)	emperatures below 0 °C Rec min Peak. [mW/cm ²] Hg	0 min C with in 48 h after app Min U [mJ Ga lamps (depends on amor lication JV dose I/cm2] (390-450 nm)	unt applied Rec min Peak. [mW/cm ²] Ga	amounte an
Air Drying All kind of drying requires good ver Do not stack before surface temper Exterior products: should not be ex Curing JV-dose Full cure Semi cure Note - Required Peak/Energy is dep	5 ntilation and circulati rature below 30 °C xposed to water, wat Min I [m. Hg lamps N/A N/A pending on several fa	0 °C on er condensation or t JV dose I/cm2] (280-320 nm) ctors, such as subst	emperatures below 0 °C Rec min Peak. [mW/cm ²] Hg	0 min C with in 48 h after app Min U [mJ Ga lamps (cion, number of layers a	depends on amor lication JV dose I/cm2] (390-450 nm)	unt applied Rec min Peak. [mW/cm ²]	amounts an
Air Drying All kind of drying requires good ver Do not stack before surface temper Exterior products: should not be ex Curing JV-dose Full cure Semi cure	5 ntilation and circulati rature below 30 °C xposed to water, wat Min I [m. Hg lamps N/A N/A pending on several fa	0 °C on er condensation or t JV dose I/cm2] (280-320 nm) ctors, such as subst	emperatures below 0 °C Rec min Peak. [mW/cm ²] Hg	0 min C with in 48 h after app Min U [mJ Ga lamps (cion, number of layers a	depends on amor lication JV dose I/cm2] (390-450 nm)	unt applied Rec min Peak. [mW/cm ²] Ga	amounts an
Air Drying All kind of drying requires good ver Do not stack before surface temper Exterior products: should not be ex Curing JV-dose Full cure Semi cure Note - Required Peak/Energy is dep Peak/Energy values will be stated in General information	5 ntilation and circulati rature below 30 °C xposed to water, wat Min I [m. Hg lamps N/A N/A pending on several fa n the finishing instru	0 °C on er condensation or t JV dose //cm2] (280-320 nm) ctors, such as subst ction/process contro	emperatures below 0 °C Rec min Peak. [mW/cm ²] Hg	0 min C with in 48 h after app Min L [m] Ga lamps (cion, number of layers a an.	depends on amor lication JV dose l/cm2] (390-450 nm) and type of UV oven /	Int applied Rec min Peak. [mW/cm ²] Ga (reflectors. Recommended application	
Air Drying All kind of drying requires good ver Do not stack before surface temper Exterior products: should not be ex Curing JV-dose Full cure Semi cure Note - Required Peak/Energy is dep Peak/Energy values will be stated in General information According to Swedish legislation we	5 2 ntilation and circulati rature below 30 °C xposed to water, wat Min I [m. Hg lamps N/A N/A pending on several fa n the finishing instru	0 °C on er condensation or t JV dose //cm2] (280-320 nm) ctors, such as subst ction/process contro	emperatures below 0 °C Rec min Peak. [mW/cm ²] Hg	0 min C with in 48 h after app Min U [m] Ga lamps (cion, number of layers a an.	depends on amor lication JV dose l/cm2] (390-450 nm) and type of UV oven /	Int applied Rec min Peak. [mW/cm ²] Ga (reflectors. Recommended application ments, primarily solvents and acids whi	ch present t
II kind of drying requires good ver to not stack before surface temper xterior products: should not be ex Curing IV-dose ull cure emi cure lote - Required Peak/Energy is dep eak/Energy values will be stated in General information ccording to Swedish legislation we	5 2 ntilation and circulati rature below 30 °C xposed to water, wat Min I [m. Hg lamps N/A N/A pending on several fa n the finishing instru e provide informatio ety Data Sheet will be	0 °C on er condensation or t JV dose (/cm2] (280-320 nm) ctors, such as subst ction/process contro n regarding dangero	emperatures below 0 °C Rec min Peak. [mW/cm ²] Hg rate, amount of applicat ol submitted by technici	0 min C with in 48 h after app Min U [mJ Ga lamps (ion, number of layers a an.	depends on amor lication JV dose l/cm2] (390-450 nm) and type of UV oven / acts about the compo	Int applied Rec min Peak. [mW/cm ²] Ga reflectors. Recommended application ments, primarily solvents and acids whince only. Many factors beyond our com	ch present t