Wilsonart® Adhesives Reference Sheet

Contact Adhesives

Wilsonart®

																Availability											Application				Job Types		
	Color	Coverage Rate (Bonded ft²/gal)	% Solids by weight	Open Time (minutes)	Dry Time (minutes)	Viscosity (cps) typical	Density (lbs/gallon)	VOC (less water & exempt solvent g/L)	VOC/liter of material g/L (calculated)	VHAP (lbs VHAP/lb/solids)	UL GREENGUARD Gold Certified	California Compliant	OTC State Compliant	Non-flammable	Qualifies for LEED® credit(s)	14.2 oz Aerosol Can	Quart	Gallon	5-Gallon Pail	55-Gallon Drum	275-Gallon Tote	330-Gallon Tote	9-lb. Canister	30-lb. Canister	140-lb. Canister	300-lb. Canister	Brush-On	Roll-On	Spray-On	Aerosol	Flat-work	Postforming	High-Speed Postforming
Contact Adhesives																																	
500	Natural	104@3.0 dry grams/ft²	20.5%±1.0%	~60	10-15	600	6.7	601	448	0.83					LEED			●	●	●		●					●	●			●		
600	Natural	111@3.0 dry grams/ft²	21.0%±1.0%	~60	20-30	1200	7.0	671	669	1.25			OTC		LEED		●	●	●	●							●	●			●		
700A, 740A	Near White	14.4 ft²/can@2.5 dry grams/ft²	17.9%	~15	1-5	N/A	6.6	N/A	<55%	N/A		CA	OTC		LEED	●													●	●	●		
700/701	Red/Natural	20-25 ft²/lb@2.5 dry grams/ ft²	N/A	~30	3-5	N/A	5.9	490	N/A	0.21					LEED								●	●	●	●			●	●	●		
NF702/703	Green/Natural	20-25 ft²/lb@2.5 dry grams/ ft²	N/A	~30	3-5	N/A	9.9	905	819	0.0					LEED									●	●	●			●	●	●		
730/731	Red/Natural	20-27 ft²/lb@2.5 dry grams/ ft²	N/A	~30	2-5	N/A	7.9	<40	N/A	0.00		CA	OTC		LEED									27 lb	128lb	270lb			●	●	●	◖	
740/741	Red/Natural	20-25 ft²/lb@2.5 dry grams/ ft²	N/A	~30	2-5	N/A	5.9	489	N/A	0.20					LEED									●	●	●			●	●	●		
NF702A	Near White	14.4 ft²/can@2.5 dry grams/ft²	17.9%	~15	1-5	N/A	6.6	N/A	<55%	N/A		CA	OTC		LEED	●													●	●	●		
NF742/743	Green/Natural	20-25 ft²/lb@2.5 dry grams/ ft²	N/A	~30	3-5	N/A	9.9	907	821	0.0					LEED									●	●	●			●	●	●		
800/801	Red/Natural	144@2.0 dry grams/ ft²	19.0%±1.0%	~30	3-5	90	6.6	596	418	0.66					LEED				●	●		●							●		●	●	
844	Red	143@2.0 dry grams/ ft²	19.0%±1.0%	~30	3-5	100	6.6	575	372	0.39					LEED					●		●							●		●	●	●
860/861	Red/Natural	136@2.0 dry grams/ ft²	18%±1.0%	~30	3-5	80	6.6	603	419	0.70					LEED				●	●		●							●		●	●	●
950/951	Red/Natural	131@2.0 dry grams/ ft²	17.5%±0.5%	~60	3-5	150	6.6	606	435	0.75					LEED				●	●		●							●		●		
981	Natural	136@2.0 dry grams/ ft²	18% ±1.0%	~60	3-5	150	6.6	602	417	0.70					LEED			●				●							●		●		
1700/1701	Red/Natural	254@2.5 dry grams/ ft² (Spray)	36% ±1.0%	~40	3-5	760	7.7	8**	3**	0.00			OTC		LEED				●	●							●	●	●		●		
1800/1801	Red/Natural	152@2.0 dry grams/ ft² (Spray)	18% ±.5%	~30	3-5	450	7.4	249	46	0.07			OTC		LEED				●	●							●	●	●		●	●	
1900/1901	Red/Natural	214@3.0 dry grams/ft²	35.5%±1.0%	~30	3-5	14000	7.96	78	31	0.03		CA			LEED				●	●							●	●	●		●		
H_2O	White/Green	357@3.0 dry grams/ ft²	52% ±2.0%	~60	20-30	N/A	9.1	<0.1	N/A	<0.035		CA	OTC		LEED			●	●	●	●						●	●	●		●	●	●

Dry Time - The time that it takes a contact adhesive to dry before both laminate and substrate are ready to bond.

Open Time - The window of time that begins when an adhesive is dry enough to bond and ends when the adhesive is too dry to bond. Temperature and humidity alter open time and dry time.

**TBAC is recognized in 40 C.F.R. 51. 100(s) and by the EPA as a VOC exempt compound. Alaska, California, Kansas, Wyoming and Washington D.C. have not formally recognized this exemption. Contact your local regulatory agency to provide clarification on the exemption status. (As of 06/2013)

◖ Contact your Wilsonart Adhesives Representative for more information.

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Wilsonart® Adhesives Reference Sheet

PVA & Speciality Adhesives

Wilsonart®

																		Availability								Application					Job Types					
	Color	Coverage Rate (Bonded ft²/gal)	% Solids by weight	Open Time (minutes)	Closed Time (minutes)	Press Time (minutes @ 40-50 psi)	Viscosity (cps) typical	Density (lbs/gallon)	VOC (less water & exempt solvent g/L)	VHAP (lbs VHAP/lbs solids)	UL GREENGUARD Gold Certified	California Compliant	OTC State Compliant	Non-flammable	Qualifies for LEED® credit(s)	Type II Water Resistance	Fluorescent Dye Added	Pint	Gallon	5-Gallon Pail	45-lb Pails	55-Gallon Drum	500-lb Drum	270-Gallon Tote	275-Gallon Tote	2500-lb Tote	Brush-On/Squeeze Bottle	Spray & Pinch Roller	Glue Spreader & Pinch Roller	Glue Spreader & Hot Press	Glue Spreader & Cold Press	Flat-work	High-Speed Postforming	Joint Assembly	High-Speed Postforming Edge	Metals to Wood	Hard-to-bond Surfaces
PVA Adhesives																																				
20	Yellow	~229 bonded ft²/gallon@7 wet mils	47%±2%	5	20	20-60^	4750	9.0	<20	<0.032	✓	CA	OTC		LEED		●			●		●			●		●					●	●		●		
3000	Pink	~229* bonded ft²/gallon@7 wet mils	58%±2%	2-5	N/A	1-2□	2850	9.0	<20	<0.032	✓	CA	OTC		LEED					●		●			●			●	●	●		●	●				
3004	White	~229* bonded ft²/gallon@7 wet mils	58%±2%	2-5	N/A	1-2□	3250	9.0	<20	<0.032	✓	CA	OTC		LEED					●		●			●			●	●	●		●	●				
3035	Blue	~229* bonded ft²/gallon@7 wet mils	55% ±2%	2-5	N/A	1-2□	3000	8.8	<20	<0.020	✓	CA	OTC		LEED		●			●		●			●										●	
3100	White	~229 bonded ft²/gallon@7 wet mils	43% ±2%	5	30	30-60^	5750	9.4	<20	<0.042	✓	CA	OTC		LEED						●		●			●						●	●				
3105	White	~229 bonded ft²/gallon@7 wet mils	45% ±2%	5	20	30-60^	6000	9.3	<20	<0.040	✓	CA	OTC		LEED								●			●						●	●				
3116	White	~229 bonded ft²/gallon@7 wet mils	43% ±2%	5	20	30-60^	5750	9.1	<20	<0.043	✓	CA	OTC		LEED						●		●			●						●	●				
3125	White	~229 bonded ft²/gallon@7 wet mils	53% ±1%	5	20	30-60^	2500	9.5	<20	<0.032	✓	CA	OTC		LEED	●					●		●			●					●	●	●		●		
3131	White	~229 bonded ft²/gallon@7 wet mils	62% ±2%	3-5	15-20	2-3□	4850	9.4	<20	<0.042	✓	CA	OTC		LEED						●		●			●					●	●	●				
3132	White	~229 bonded ft²/gallon@7 wet mils	58%±2%	3-5	10-15	2-3□	9250	9.5	<20	<0.031	✓	CA	OTC		LEED						●		●			●					●	●	●				
3135OV	White	~229 bonded ft²/gallon@7 wet mils	57%±1%	5	15	30-60^	4500	9.5	<20	<0.032	✓	CA	OTC		LEED	●					●		●			●					●	●	●		●		
3140	White	~229 bonded ft²/gallon@7 wet mils	45% ±2%	5	15-20	30-60^ 1-2□	5800	9.3	<20	<0.031	✓	CA	OTC		LEED						●		●			●				●	●	●	●				
3310	White	~229 bonded ft²/gallon@7 wet mils	63% ±1%	5	20	45-60^	1400	8.9	<20	<0.042	✓	CA	OTC		LEED						●		●			●						●	●			●	●
WA Melamine Glue (WA3330)	Off-White	~229 bonded ft²/gallon@7 wet mils	57% ±2%	N/A	N/A	N/A	3800	9.0	7	<0.005	✓	CA	OTC		LEED			●	●	●			●			●	●	●	●		●	●		●			●
Type II	White	~229 bonded ft²/gallon@7 wet mils	49% ±1%	5	20		4900	9.1	<20	<0.032	✓	CA	OTC		LEED	●		●	●	●		●		●			●			●	●	●		●			
WA White Glue (WA10)	White	~229 bonded ft²/gallon@7 wet mils	45% ±2%	5	20	30-60^	5600	9.1	<20	<0.032	✓	CA	OTC		LEED		●	●	●	●		●			●		●				●	●		●			
WA Wood Glue (WA30)	Yellow	~229 bonded ft²/gallon@7 wet mils	47% ±2%	N/A	N/A	N/A	5000	9.8	<20	<0.032	✓	CA	OTC		LEED		●	●	●	●		●			●		●			●	●	●		●			

*Spray~255 ft²/gal (bonded) □ Hot Press Time ^ Cold Press Time

All Wilsonart PVAs are Non-Flammable

Open Time - The window of time that begins when an adhesive is applied to the substrate and ends when the laminate is applied to make an assembly. Temperature and humidity alter open time.

Once the assembly has been made, the user has a window of opportunity (**Closed Time**) for the project to be placed in the press and pressure applied by the press. If the user misses the closed time the adhesive has already formed a skin.

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