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Statement of Compliance

Made in Michigan

To Whom It May Concern:

Sunrise Windows, Ltd. is a window manufacturer located in Temperance, Michigan. This letter validates that greater than 50% of the cost to manufacture and assemble all Sunrise Windows products occurs within the state of Michigan, including but not limited to all products listed in the attached exhibits. As such, Sunrise Windows' aforementioned products meet the requirements for qualification in the "Made in Michigan" program as defined by Consumers Energy Residential Energy Efficiency Group.

A handwritten signature in black ink that reads 'Carl Will'.

Carl Will, President & C.O.O.
Sunrise Windows, Ltd.

NFRC Performance Specifications

Our windows are tested and certified to National Fenestration Rating Council (NFRC) standards. Product testing data can be viewed by going to NFRC's web site, www.nfrc.org, and entering the appropriate Certified Product Directory (CPD) number.

	
ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./Btu)	Solar Heat Gain Coefficient
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Air Leakage (U.S./A/P)
Condensation Resistance	
Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product use. Consult manufacturer's literature for other product performance information. www.nfrc.org	

* Argon (unless noted) - No-grids

Air Infiltration Rate					Double Hung	Slider	Tilt-In Slider	Standard Picture	Casement	Awning	Casement Picture	Sliding Door
Glass Package	Order Code	% UV Blocked	NFRC CPD No.		SUW-K-1-01500	SUW-K-2-01608	SUW-K-6-01592	SUW-K-7-00547	SUW-K-14-00361	SUW-K-15-00361	SUW-K-16-00356	SUW-K-5-00279
Clear Glass (air)	2000 Glass (air)	37%	U-Factor		0.45	0.45	0.45	0.45	0.42	0.42	0.44	0.45
			SHGC		0.59	0.60	0.59	0.63	0.53	0.53	0.61	0.56
			VT		0.63	0.63	0.62	0.66	0.57	0.57	0.65	0.59
			CR		44	44	44	45	45	45	46	46
Passive U	P2100a	69%	NFRC CPD No.		SUW-K-1-01503	SUW-K-2-01611	SUW-K-6-01595	SUW-K-7-00550	SUW-K-14-00364	SUW-K-15-00364	SUW-K-16-00359	SUW-K-5-00477
			U-Factor		0.29	0.29	0.29	0.28	0.27	0.28	0.28	0.31
			SHGC		0.49	0.49	0.49	0.52	0.45	0.45	0.52	0.47
			VT		0.60	0.60	0.60	0.63	0.55	0.55	0.63	0.57
Passive U ²	P2210a	71%	NFRC CPD No.		SUW-K-1-01504	SUW-K-2-01612	SUW-K-6-01596	SUW-K-7-00551	SUW-K-14-00365	SUW-K-15-00365	SUW-K-16-00360	SUW-K-5-00460
			U-Factor		0.25	0.25	0.25	0.23	0.23	0.24	0.23	0.26
			SHGC		0.48	0.48	0.47	0.50	0.44	0.44	0.51	0.45
			VT		0.59	0.59	0.58	0.62	0.54	0.54	0.62	0.55
Ultra-U Plus	N2100a	85%	NFRC CPD No.		SUW-K-1-01994	SUW-K-2-01615	SUW-K-6-01599	SUW-K-7-00554	SUW-K-14-00368	SUW-K-15-00368	SUW-K-16-00363	SUW-K-5-00461
			U-Factor		0.28	0.29	0.28	0.27	0.27	0.27	0.27	0.30
			SHGC		0.28	0.28	0.28	0.30	0.26	0.26	0.30	0.27
			VT		0.53	0.53	0.53	0.56	0.49	0.49	0.56	0.50
Ultra-U Plus ²	N2210a	85%	NFRC CPD No.		SUW-K-1-01508	SUW-K-2-01616	SUW-K-6-01600	SUW-K-7-00555	SUW-K-14-00369	SUW-K-15-00369	SUW-K-16-00364	SUW-K-5-00462
			U-Factor		0.24	0.24	0.24	0.23	0.23	0.23	0.22	0.25
			SHGC		0.28	0.28	0.27	0.29	0.26	0.26	0.29	0.26
			VT		0.52	0.52	0.52	0.55	0.48	0.48	0.55	0.49
Omega 12	S2100a	95%	NFRC CPD No.		SUW-K-1-01993	SUW-K-2-01929	SUW-K-6-01603	SUW-K-7-00558	SUW-K-14-00372	SUW-K-15-00372	SUW-K-16-00367	SUW-K-5-00463
			U-Factor		0.28	0.28	0.28	0.27	0.26	0.26	0.26	0.29
			SHGC		0.21	0.21	0.21	0.22	0.19	0.19	0.22	0.20
			VT		0.49	0.49	0.49	0.52	0.45	0.45	0.52	0.46
Omega 12 ²	S2210a	95%	NFRC CPD No.		SUW-K-1-01512	SUW-K-2-01620	SUW-K-6-01604	SUW-K-7-00559	SUW-K-14-00373	SUW-K-15-00373	SUW-K-16-00368	SUW-K-5-00464
			U-Factor		0.24	0.24	0.24	0.22	0.22	0.23	0.22	0.25
			SHGC		0.21	0.21	0.20	0.22	0.19	0.19	0.22	0.19
			VT		0.48	0.48	0.48	0.50	0.44	0.44	0.51	0.45
Omega 12 ²	S2210a	95%	CR		47	47	48	49	48	45	44	49

NFRC Performance Specifications

7/19/2016

	
ENERGY PERFORMANCE RATINGS	
U-Factor (U.S.A.P.)	Solar Heat Gain Coefficient
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Air Leakage (U.S.A.P.)
Condensation Resistance	
Manufacturer declares that these ratings conform to applicable NFRC procedures for determining energy and environmental performance. NFRC ratings are determined by National Fenestration Rating Council and a third-party testing laboratory. NFRC ratings are not a warranty or endorsement of any product or company.	

Our windows are tested and certified to National Fenestration Rating Council (NFRC) standards. Product testing data can be viewed by going to NFRC's web site, www.nfrc.org, and entering the appropriate Certified Product Directory (CPD) number.

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Condensation Resistance Manufacturer requires that frame sashes conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined by a third party professional testing entity. NFRC product label cannot be used to determine NFRC ratings for other product performance characteristics.					Double Hung	Slider	Tilt-In Slider	Standard Picture	Casement	Awning	Casement Picture	Sliding Door
Triple Pane (7/8" IGU) Glass Packages	Air Infiltration Rate				0.02	0.11	0.09	0.04	0.01	0.03	0.01	0.02
	Glass Package	Order Code	% UV Blocked	NFRC CPD No.	SUW-K-1-01577	SUW-K-2-01685	SUW-K-6-01669	SUW-K-7-00624	SUW-K-14-00438	SUW-K-15-00438	SUW-K-16-00443	SUW-K-5-00356
	AR90	N3200a	96%	U-Factor	0.22	0.23	0.22	0.21	0.21	0.21	0.20	0.23
				SHGC	0.22	0.22	0.22	0.23	0.20	0.2	0.23	0.21
				VT	0.42	0.42	0.42	0.44	0.38	0.38	0.44	0.39
				CR	67	65	66	67	68	68	69	64
	AR90 ²	N3310a	96%	NFRC CPD No.	SUW-K-1-01583	SUW-K-2-01691	SUW-K-6-01675	SUW-K-7-00630	SUW-K-14-00444	SUW-K-15-00444	SUW-K-16-00439	SUW-K-5-00362
				U-Factor	0.20	0.20	0.20	0.19	0.19	0.19	0.18	0.21
				SHGC	0.22	0.22	0.21	0.23	0.20	0.20	0.23	0.20
				VT	0.41	0.42	0.41	0.43	0.38	0.38	0.43	0.38
	KR90	N3200k	96%	CR	55	54	54	55	55	56	56	55
				NFRC CPD No.	SUW-K-1-01579	SUW-K-2-01687	SUW-K-6-01671	SUW-K-7-00626	SUW-K-14-00440	SUW-K-15-00440	SUW-K-16-00435	SUW-K-5-00358
				U-Factor	0.18	0.18	0.18	0.16	0.17	0.17	0.16	0.19
				SHGC	0.22	0.22	0.22	0.23	0.20	0.20	0.23	0.21
	KR90 ²	N3310k	96%	VT	0.42	0.42	0.42	0.44	0.38	0.38	0.44	0.39
				CR	70	69	70	67	73	73	71	65
				NFRC CPD No.	SUW-K-1-01585	SUW-K-2-01697	SUW-K-6-01677	SUW-K-7-00632	SUW-K-14-00446	SUW-K-15-00446	SUW-K-16-00441	SUW-K-5-00364
				U-Factor	0.17	0.17	0.17	0.15	0.16	0.16	0.15	0.18
				SHGC	0.22	0.22	0.21	0.23	0.20	0.20	0.23	0.20
				VT	0.41	0.41	0.41	0.43	0.38	0.38	0.43	0.38
CR				60	59	59	61	61	61	62	60	
Performance Sash Option												
Triple Pane (1 3/8" IGU) Glass	AR90	N3203a	96%	NFRC CPD No.	n/a	n/a	n/a	n/a	SUW-K-14-00525	SUW-K-15-00525	SUW-K-16-00520	n/a
				U-Factor					0.16	0.17	0.16	
				SHGC					0.20	0.20	0.23	
				VT					0.38	0.38	0.44	
				CR					75	73	73	
	AR90 ²	N3313a	96%	NFRC CPD No.	n/a	n/a	n/a	n/a	SUW-K-14-00527	SUW-K-15-00527	SUW-K-16-00522	n/a
				U-Factor					0.15	0.15	0.14	
				SHGC					0.20	0.20	0.23	
				VT					0.37	0.37	0.43	
				CR					62	61	62	