

NFRC Product Certification Authorization Report



Manufacturer: Don Young Company **Product Series:** 5800 Casement **Simulation Lab:** SATI **Initial Cert. Date:** 08/13/2003
Street: 8181 Ambassador Row **Product Type:** CSSV **Sim. Report #:** G6281.03-116-45 **Re-Certification Date:** 06/14/2017
City/State/Zip: Dallas, TX 75247 **Air Leakage:** **Sim. Report Date:** 05/31/2017 **Revised Date:** 05/31/2017
Print Date: 12/07/2018 **VR (Standard Screen):** **Test Date:** 03/30/2017 **Expiration Date:** 03/30/2022
VR (Enhanced Screen):

CPD Number: **DYC-A-25**

IA: American Architectural Manufacturers Association

Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00075-00001	"CLR / AIR / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2		0.625	P1-S	Fill 1: AIR(100)	N		CL	0.41	0.54	0.56	45
	00075-00002	"CLR / AIR / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2		0.625	P1-S	Fill 1: AIR(100)	G	0.75	CL	0.41	0.49	0.51	45
	00075-00003	"GRY / AIR / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2		0.625	P1-S	Fill 1: AIR(100)	N		GY	0.41	0.40	0.37	45
	00075-00004	"GRY / AIR / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2		0.625	P1-S	Fill 1: AIR(100)	G	0.75	GY	0.41	0.37	0.34	45
	00075-00005	"BRZ / AIR / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2		0.625	P1-S	Fill 1: AIR(100)	N		BZ	0.41	0.43	0.42	45
	00075-00006	"BRZ / AIR / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2		0.625	P1-S	Fill 1: AIR(100)	G	0.75	BZ	0.41	0.40	0.38	45
	00075-00007	"GRN / AIR / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2		0.625	P1-S	Fill 1: AIR(100)	N		GR	0.41	0.42	0.52	45
	00075-00008	"GRN / AIR / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2		0.625	P1-S	Fill 1: AIR(100)	G	0.75	GR	0.41	0.38	0.47	45
	00076-00001	"E366 / AIR / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.625	P1-S	Fill 1: AIR(100)	N		CL	0.29	0.19	0.44	59
	00076-00002	"E366 / AIR / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.625	P1-S	Fill 1: AIR(100)	G	0.75	CL	0.29	0.18	0.40	59
	00076-00003	"GRY / AIR / E366 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(3)	0.625	P1-S	Fill 1: AIR(100)	N		GY	0.29	0.20	0.30	59
	00076-00004	"GRY / AIR / E366 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(3)	0.625	P1-S	Fill 1: AIR(100)	G	0.75	GY	0.29	0.19	0.27	59
	00076-00005	"BRZ / AIR / E366 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(3)	0.625	P1-S	Fill 1: AIR(100)	N		BZ	0.29	0.22	0.33	59
	00076-00006	"BRZ / AIR / E366 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(3)	0.625	P1-S	Fill 1: AIR(100)	G	0.75	BZ	0.29	0.20	0.30	59
	00076-00007	"GRN / AIR / E366 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(3)	0.625	P1-S	Fill 1: AIR(100)	N		GR	0.29	0.25	0.41	59
	00076-00008	"GRN / AIR / E366 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(3)	0.625	P1-S	Fill 1: AIR(100)	G	0.75	GR	0.29	0.23	0.37	59
	00077-00001	"E366 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.625	P1-S	Fill 1: ARG/AIR(90/10)	N		CL	0.26	0.19	0.44	63
	00077-00002	"E366 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.625	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.26	0.18	0.40	63

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Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00077-00003	"GRY / ARG90 / E366 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(3)	0.625	P1-S	Fill 1: ARG/AIR(90/10)	N		GY	0.26	0.20	0.30	63	
	00077-00004	"GRY / ARG90 / E366 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(3)	0.625	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.26	0.19	0.27	63	
	00077-00005	"BRZ / ARG90 / E366 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(3)	0.625	P1-S	Fill 1: ARG/AIR(90/10)	N		BZ	0.26	0.22	0.33	63	
	00077-00006	"BRZ / ARG90 / E366 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(3)	0.625	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.26	0.20	0.30	63	
	00077-00007	"GRN / ARG90 / E366 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(3)	0.625	P1-S	Fill 1: ARG/AIR(90/10)	N		GR	0.26	0.24	0.41	63	
	00077-00008	"GRN / ARG90 / E366 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(3)	0.625	P1-S	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.26	0.22	0.37	63	
	00078-00001	"CLR / AIR / CLR (3MM/3MM) - 7/8"" IG"	VY/VY	2		0.625	SS-D	Fill 1: AIR(100)	N		CL	0.42	0.54	0.56	43	
	00078-00002	"CLR / AIR / CLR (3MM/3MM) - 7/8"" IG"	VY/VY	2		0.625	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.42	0.49	0.51	43	
	00078-00003	"GRY / AIR / CLR (3MM/3MM) - 7/8"" IG"	VY/VY	2		0.625	SS-D	Fill 1: AIR(100)	N		GY	0.42	0.40	0.37	43	
	00078-00004	"GRY / AIR / CLR (3MM/3MM) - 7/8"" IG"	VY/VY	2		0.625	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.42	0.37	0.34	43	
	00078-00005	"BRZ / AIR / CLR (3MM/3MM) - 7/8"" IG"	VY/VY	2		0.625	SS-D	Fill 1: AIR(100)	N		BZ	0.42	0.43	0.42	43	
	00078-00006	"BRZ / AIR / CLR (3MM/3MM) - 7/8"" IG"	VY/VY	2		0.625	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.42	0.40	0.38	43	
	00078-00007	"GRN / AIR / CLR (3MM/3MM) - 7/8"" IG"	VY/VY	2		0.625	SS-D	Fill 1: AIR(100)	N		GR	0.42	0.42	0.52	43	
	00078-00008	"GRN / AIR / CLR (3MM/3MM) - 7/8"" IG"	VY/VY	2		0.625	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.42	0.38	0.47	43	
	00079-00001	"CLR / AIR / CLR (5MM/5MM) - 7/8"" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR(100)	N		CL	0.42	0.51	0.55	43	
	00079-00002	"CLR / AIR / CLR (5MM/5MM) - 7/8"" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.42	0.47	0.50	43	
	00080-00001	"CLR / AIR / CLR (5MM/5MM) - 7/8"" IG"	VY/VY	2		0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.42	0.47	0.50	43	
	00081-00001	"E270 / AIR / CLR (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.037(2)	0.625	SS-D	Fill 1: AIR(100)	N		CL	0.31	0.26	0.48	55	
	00081-00002	"E270 / AIR / CLR (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.037(2)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.31	0.24	0.43	55	

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Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00081-00003	"GRY / AIR / E270 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.037(3)	0.625	SS-D	Fill 1: AIR(100)	N		GY	0.31	0.24	0.32	55
	00081-00004	"GRY / AIR / E270 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.037(3)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.31	0.22	0.29	55
	00081-00005	"BRZ / AIR / E270 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.037(3)	0.625	SS-D	Fill 1: AIR(100)	N		BZ	0.31	0.25	0.35	55
	00081-00006	"BRZ / AIR / E270 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.037(3)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.31	0.23	0.32	55
	00081-00007	"GRN / AIR / E270 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.037(3)	0.625	SS-D	Fill 1: AIR(100)	N		GR	0.31	0.28	0.44	55
	00081-00008	"GRN / AIR / E270 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.037(3)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.31	0.25	0.40	55
	00082-00001	"E270 / AIR / CLR (3MM/5MM) - 7/8" IG"	VY/VY	2	0.037(2)	0.563	SS-D	Fill 1: AIR(100)	N		CL	0.30	0.26	0.48	54
	00082-00002	"E270 / AIR / CLR (3MM/5MM) - 7/8" IG"	VY/VY	2	0.037(2)	0.563	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.24	0.43	54
	00083-00001	"E270 / AIR / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.037(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.30	0.26	0.47	54
	00083-00002	"E270 / AIR / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.037(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.23	0.43	54
	00084-00001	"E270 / AIR / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.037(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.31	0.23	0.43	54
	00085-00001	"E340 / AIR / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2	0.028(2)	0.625	SS-D	Fill 1: AIR(100)	N		CL	0.30	0.13	0.27	55
	00085-00002	"E340 / AIR / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2	0.028(2)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.12	0.24	55
	00086-00001	"E340 / AIR / CLR (3MM/5MM) - 7/8" IG"	VY/VY	2	0.028(2)	0.563	SS-D	Fill 1: AIR(100)	N		CL	0.30	0.13	0.26	54
	00086-00002	"E340 / AIR / CLR (3MM/5MM) - 7/8" IG"	VY/VY	2	0.028(2)	0.563	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.12	0.24	54
	00087-00001	"E340 / AIR / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.30	0.13	0.26	54
	00087-00002	"E340 / AIR / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.12	0.24	54

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Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Llys	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00088-00001	"E340 / AIR / CLR (5MM/5MM) - 7/8"" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.31	0.12	0.24	54
	00089-00001	"E340 / AIR / i89 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.625	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.13	0.26	44
	00089-00002	"E340 / AIR / i89 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.12	0.23	44
	00090-00001	"E340 / AIR / i89 (3MM/5MM) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.563	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.13	0.26	43
	00090-00002	"E340 / AIR / i89 (3MM/5MM) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.563	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.12	0.23	43
	00091-00001	"E340 / AIR / i89 (5MM/5MM) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.13	0.26	43
	00091-00002	"E340 / AIR / i89 (5MM/5MM) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.12	0.23	43
	00092-00001	"E340 / AIR / i89 (5MM/5MM) - 7/8"" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.27	0.12	0.23	43
	00093-00001	"E366 / AIR / CLR (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(2)	0.625	SS-D	Fill 1: AIR(100)	N		CL	0.30	0.19	0.44	55
	00093-00002	"E366 / AIR / CLR (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(2)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.18	0.40	55
	00093-00003	"GRY / AIR / E366 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(3)	0.625	SS-D	Fill 1: AIR(100)	N		GY	0.30	0.20	0.30	55
	00093-00004	"GRY / AIR / E366 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(3)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	GY	0.30	0.19	0.27	55
	00093-00005	"BRZ / AIR / E366 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(3)	0.625	SS-D	Fill 1: AIR(100)	N		BZ	0.30	0.22	0.33	55
	00093-00006	"BRZ / AIR / E366 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(3)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	BZ	0.30	0.20	0.30	55
	00093-00007	"GRN / AIR / E366 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(3)	0.625	SS-D	Fill 1: AIR(100)	N		GR	0.30	0.25	0.41	55
	00093-00008	"GRN / AIR / E366 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(3)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	GR	0.30	0.23	0.37	55
	00094-00001	"E366 / AIR / CLR (3MM/5MM) - 7/8"" IG"	VY/VY	2	0.022(2)	0.563	SS-D	Fill 1: AIR(100)	N		CL	0.30	0.20	0.44	54
	00094-00002	"E366 / AIR / CLR (3MM/5MM) - 7/8"" IG"	VY/VY	2	0.022(2)	0.563	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.18	0.40	54
	00095-00001	"E366 / AIR / CLR (5MM/5MM) - 7/8"" IG"	VY/VY	2	0.022(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.30	0.20	0.44	54

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	00095-00002	"E366 / AIR / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.18	0.39	54	
	00096-00001	"E366 / AIR / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.31	0.20	0.44	54	
	00096-00002	"E366 / AIR / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.31	0.18	0.39	54	
	00097-00001	"E366 / AIR / CL-LAMI (3MM/3MM 030 PVB 3MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.469	SS-D	Fill 1: AIR(100)	N		CL	0.30	0.20	0.44	55	
	00097-00002	"E366 / AIR / CL-LAMI (3MM/3MM 030 PVB 3MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.469	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.30	0.18	0.39	55	
	00098-00001	"E366 / AIR / CL-LAMI (3MM/3MM 030 PVB 3MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.469	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.31	0.18	0.39	55	
	00099-00001	"E366 / AIR / i89 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(2), 0.149(4)	0.625	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.19	0.43	44	
	00099-00002	"E366 / AIR / i89 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(2), 0.149(4)	0.625	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.17	0.39	44	
	00100-00001	"E366 / AIR / i89 (3MM/5MM) - 7/8" IG"	VY/VY	2	0.022(2), 0.149(4)	0.563	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.19	0.43	43	
	00100-00002	"E366 / AIR / i89 (3MM/5MM) - 7/8" IG"	VY/VY	2	0.022(2), 0.149(4)	0.563	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.17	0.39	43	
	00101-00001	"E366 / AIR / i89 (5MM/5MM) - 7/8" IG"	VY/VY	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	N		CL	0.26	0.19	0.42	43	
	00101-00002	"E366 / AIR / i89 (5MM/5MM) - 7/8" IG"	VY/VY	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.26	0.18	0.38	43	
	00102-00001	"E366 / AIR / i89 (5MM/5MM) - 7/8" IG"	VY/VY	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: AIR(100)	G	0.75	CL	0.27	0.18	0.38	43	
	00103-00001	"E270 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2	0.037(2)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.28	0.26	0.48	58	
	00103-00002	"E270 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2	0.037(2)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.28	0.24	0.43	58	
	00103-00003	"GRY / ARG90 / E270 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.037(3)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	N		GY	0.28	0.24	0.32	58	
	00103-00004	"GRY / ARG90 / E270 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.037(3)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.28	0.22	0.29	58	
	00103-00005	"BRZ / ARG90 / E270 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.037(3)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	N		BZ	0.28	0.25	0.35	58	
	00103-00006	"BRZ / ARG90 / E270 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.037(3)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.28	0.23	0.32	58	

NFRC Product Certification Authorization Report



Manufacturer: Don Young Company **Product Series:** 5800 Casement **Simulation Lab:** SATI **Initial Cert. Date:** 08/13/2003
Street: 8181 Ambassador Row **Product Type:** CSSV **Sim. Report #:** G6281.03-116-45 **Re-Certification Date:** 06/14/2017
City/State/Zip: Dallas, TX 75247 **Air Leakage:** **Sim. Report Date:** 05/31/2017 **Revised Date:** 05/31/2017
Print Date: 12/07/2018 **VR (Standard Screen):** **Test Date:** 03/30/2017 **Expiration Date:** 03/30/2022
VR (Enhanced Screen):

CPD Number: DYC-A-25															IA: American Architectural Manufacturers Association
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Llys	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.
	00103-00007	"GRN / ARG90 / E270 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.037(3)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	N		GR	0.28	0.27	0.44	58
	00103-00008	"GRN / ARG90 / E270 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.037(3)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.28	0.25	0.40	58
	00104-00001	"E270 / ARG90 / CLR (3MM/5MM) - 7/8" IG"	VY/VY	2	0.037(2)	0.563	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.27	0.26	0.48	57
	00104-00002	"E270 / ARG90 / CLR (3MM/5MM) - 7/8" IG"	VY/VY	2	0.037(2)	0.563	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.27	0.24	0.43	57
	00105-00001	"E270 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.27	0.25	0.47	57
	00105-00002	"E270 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.27	0.23	0.43	57
	00106-00001	"E270 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.037(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.28	0.23	0.43	57
	00107-00001	"E340 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2	0.028(2)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.27	0.13	0.27	59
	00107-00002	"E340 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2	0.028(2)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.27	0.12	0.24	59
	00108-00001	"E340 / ARG90 / CLR (3MM/5MM) - 7/8" IG"	VY/VY	2	0.028(2)	0.563	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.27	0.13	0.26	57
	00108-00002	"E340 / ARG90 / CLR (3MM/5MM) - 7/8" IG"	VY/VY	2	0.028(2)	0.563	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.27	0.12	0.24	57
	00109-00001	"E340 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.27	0.13	0.26	58
	00109-00002	"E340 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.27	0.12	0.24	58
	00110-00001	"E340 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.028(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.28	0.12	0.24	58
	00111-00001	"E340 / ARG90 / i89 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.24	0.12	0.26	47
	00111-00002	"E340 / ARG90 / i89 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.24	0.11	0.23	47
	00112-00001	"E340 / ARG90 / i89 (3MM/5MM) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.563	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.24	0.12	0.26	46

NFRC Product Certification Authorization Report



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City/State/Zip: Dallas, TX 75247 **Air Leakage:** **Sim. Report Date:** 05/31/2017 **Revised Date:** 05/31/2017
Print Date: 12/07/2018 **VR (Standard Screen):** **Test Date:** 03/30/2017 **Expiration Date:** 03/30/2022
VR (Enhanced Screen):

CPD Number: DYC-A-25															IA: American Architectural Manufacturers Association	
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyrs	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00112-00002	"E340 / ARG90 / i89 (3MM/5MM) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.563	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.24	0.11	0.23	46	
	00113-00001	"E340 / ARG90 / i89 (5MM/5MM) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.24	0.12	0.26	46	
	00113-00002	"E340 / ARG90 / i89 (5MM/5MM) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.24	0.12	0.23	46	
	00114-00001	"E340 / ARG90 / i89 (5MM/5MM) - 7/8" IG"	VY/VY	2	0.028(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.24	0.12	0.23	46	
	00115-00001	"E366 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.27	0.19	0.44	59	
	00115-00002	"E366 / ARG90 / CLR (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.27	0.18	0.40	59	
	00115-00003	"GRY / ARG90 / E366 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(3)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	N		GY	0.27	0.20	0.30	59	
	00115-00004	"GRY / ARG90 / E366 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(3)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GY	0.27	0.19	0.27	59	
	00115-00005	"BRZ / ARG90 / E366 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(3)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	N		BZ	0.27	0.22	0.33	59	
	00115-00006	"BRZ / ARG90 / E366 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(3)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	BZ	0.27	0.20	0.30	59	
	00115-00007	"GRN / ARG90 / E366 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(3)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	N		GR	0.27	0.24	0.41	59	
	00115-00008	"GRN / ARG90 / E366 (3MM/3MM) - 7/8" IG"	VY/VY	2	0.022(3)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	GR	0.27	0.22	0.37	59	
	00116-00001	"E366 / ARG90 / CLR (3MM/5MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.563	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.27	0.19	0.44	58	
	00116-00002	"E366 / ARG90 / CLR (3MM/5MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.563	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.27	0.18	0.40	58	
	00117-00001	"E366 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.27	0.19	0.44	58	
	00117-00002	"E366 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.27	0.18	0.39	58	
	00118-00001	"E366 / ARG90 / CLR (5MM/5MM) - 7/8" IG"	VY/VY	2	0.022(2)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.28	0.18	0.39	58	

NFRC Product Certification Authorization Report



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VR (Enhanced Screen):

CPD Number: DYC-A-25													IA: American Architectural Manufacturers Association			
Status	Product Num.	Manufacturer Code	Frame/Sash	Glaz Lyr	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Cond. Res.	
	00119-00001	"E366 / ARG90 / CL-LAMI (3MM/3MM 030 PVB 3MM) - 7/8"" IG"	VY/VY	2	0.022(2)	0.469	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.26	0.19	0.44	58	
	00119-00002	"E366 / ARG90 / CL-LAMI (3MM/3MM 030 PVB 3MM) - 7/8"" IG"	VY/VY	2	0.022(2)	0.469	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.26	0.18	0.39	58	
	00120-00001	"E366 / ARG90 / CL-LAMI (3MM/3MM 030 PVB 3MM) - 7/8"" IG"	VY/VY	2	0.022(2)	0.469	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.28	0.18	0.39	58	
	00121-00001	"E366 / ARG90 / i89 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(2), 0.149(4)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.24	0.19	0.43	47	
	00121-00002	"E366 / ARG90 / i89 (3MM/3MM) - 7/8"" IG"	VY/VY	2	0.022(2), 0.149(4)	0.625	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.24	0.17	0.39	47	
	00122-00001	"E366 / ARG90 / i89 (3MM/5MM) - 7/8"" IG"	VY/VY	2	0.022(2), 0.149(4)	0.563	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.24	0.19	0.43	46	
	00122-00002	"E366 / ARG90 / i89 (3MM/5MM) - 7/8"" IG"	VY/VY	2	0.022(2), 0.149(4)	0.563	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.24	0.17	0.39	46	
	00123-00001	"E366 / ARG90 / i89 (5MM/5MM) - 7/8"" IG"	VY/VY	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	N		CL	0.23	0.19	0.42	46	
	00123-00002	"E366 / ARG90 / i89 (5MM/5MM) - 7/8"" IG"	VY/VY	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.23	0.17	0.38	46	
	00124-00001	"E366 / ARG90 / i89 (5MM/5MM) - 7/8"" IG"	VY/VY	2	0.022(2), 0.149(4)	0.500	SS-D	Fill 1: ARG/AIR(90/10)	G	0.75	CL	0.24	0.17	0.38	46	

Baseline Information

Test Lab	Test Date	Test Size	Tested U-Value	Standard U-Value	Test Report Number
TATI	03/30/2017	600 mm x 1499 mm	0.258	0.253	G6283.03-116-46

Comments:

I hereby certify that all requirements for NFRC Certification Authorization have been met and that the above information is true and correct, to the best of my knowledge.

Authorized IA
Signature: _____