

## TEST REPORT FOR GRAHAM ARCHITECTURAL PRODUCTS CORP.

Report No: R1212.01-116-45 R0

Date: 03/18/24

### SECTION 6

### SIMULATION RESULTS

TOTAL PRODUCT CALCULATIONS (GT0900 Patio Door)												
Option Number	Pane Thickness 1 (in)	Gap Width 1 (in)	Pane Thickness 2 (in)	Gap Width 2 (in)	Pane Thickness 3 (in)	Gap Width 3 (in)	Pane Thickness 4 (in)	Gap Fill	Low-e (Surface #)	Tint	Spacer	Grid Type
	U-Factor (Btu/Hr-Ft2-F)			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)		Condensation Resistance (CR)		
1	CLR / ARG95 / E180ESC (6MM/6MM) - 1-1/8" IG											
	0.224	0.625	0.224					ARG95	0.080(#3)	CL	SS-D	N
	U-Factor 0.46			SHGC(N) 0.51				VT(N) 0.58		CR 47		
2	E272 / ARG95 / CLR (6MM/6MM) - 1-1/8" IG											
	0.224	0.625	0.224					ARG95	0.042(#2)	CL	SS-D	N
	U-Factor 0.45			SHGC(N) 0.31				VT(N) 0.53		CR 46		
3	E272 / ARG95 / i89 (6MM/6MM) - 1-1/8" IG											
	0.224	0.625	0.223					ARG95	0.042(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.41			SHGC(N) 0.30				VT(N) 0.52		CR 45		
4	E272 / ARG95 / CLR-LAMI (6MM/3MM 060 PVB 3MM) - 1-1/8" IG											
	0.224	0.563	0.304					ARG95	0.042(#2)	CL	SS-D	N
	U-Factor 0.44			SHGC(N) 0.31				VT(N) 0.52		CR 40		
5	E366 / ARG95 / CLR (6MM/6MM) - 1-1/8" IG											
	0.224	0.625	0.224					ARG95	0.020(#2)	CL	SS-D	N
	U-Factor 0.44			SHGC(N) 0.21				VT(N) 0.48		CR 48		
6	SN68 / ARG90 / CLR (6MM/6MM) - 1-1/8" IG											
	0.221	0.625	0.221					ARG90	0.039(#2)	CL	SS-D	N
	U-Factor 0.45			SHGC(N) 0.29				VT(N) 0.51		CR 48		
7	SNX 62/27 / ARG90 / CLR (6MM/6MM) - 1-1/8" IG											
	0.221	0.625	0.221					ARG90	0.020(#2)	CL	SS-D	N
	U-Factor 0.45			SHGC(N) 0.21				VT(N) 0.47		CR 47		
8	SB60 / ARG90 / CLR (6MM/6MM) - 1-1/8" IG											
	0.223	0.625	0.223					ARG90	0.035(#2)	CL	SS-D	N
	U-Factor 0.45			SHGC(N) 0.30				VT(N) 0.53		CR 45		
9	SB70 / ARG90 / CLR (6MM/6MM) - 1-1/8" IG											
	0.223	0.625	0.223					ARG90	0.018(#2)	CL	SS-D	N
	U-Factor 0.45			SHGC(N) 0.21				VT(N) 0.49		CR 46		
10	SNX 51/23 / ARG90 / CLR (6MM/6MM) - 1-1/8" IG											
	0.221	0.625	0.221					ARG90	0.021(#2)	CL	TS-D	N
	U-Factor 0.44			SHGC(N) 0.18				VT(N) 0.39		CR 49		

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**SECTION 6 (Continued)**

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TOTAL PRODUCT CALCULATIONS (GT0900 Patio Door)													
Option Number	Pane Thickness 1 (in)	Gap Width 1 (in)	Pane Thickness 2 (in)	Gap Width 2 (in)	Pane Thickness 3 (in)	Gap Width 3 (in)	Pane Thickness 4 (in)	Gap Fill	Low-e (Surface #)	Tint	Spacer	Grid Type	
	U-Factor (Btu/Hr-Ft <sup>2</sup> -F)			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)		Condensation Resistance (CR)			
11	SNX 62/27 / ARG90 / IS20 (6MM/6MM) - 1-1/8" IG												
	0.221	0.625	0.221					ARG90	0.020(#2) / 0.198(#4)		CL	TS-D	N
	U-Factor 0.41			SHGC(N) 0.20				VT(N) 0.45		CR 44			
12	SB70 / ARG90 / CLR (6MM/6MM) - 1-1/8" IG												
	0.223	0.625	0.223					ARG90	0.018(#2)		CL	TP-S	N
	U-Factor 0.44			SHGC(N) 0.21				VT(N) 0.49		CR 36			
13	E180 / ARG90 / CLR / ARG90 / E180 (5MM/1.6MM/5MM) - 1-1/8" IG												
	0.187	0.339	0.063	0.339	0.187			ARG90	0.068(#2) / 0.068(#5)		CL	TS-D	N
	U-Factor 0.38			SHGC(N) 0.42				VT(N) 0.52		CR 45			
14	CLR / ARG90 / E270-VIG (6MM/4MM/4MM) - 1-1/8" IG												
	0.224	0.563	0.154	0.008	0.154			ARG90/VIG	0.035(#4)		CL	SS-D	N
	U-Factor 0.32			SHGC(N) 0.26				VT(N) 0.47		CR 39			