

## TEST REPORT FOR GRAHAM ARCHITECTURAL PRODUCTS CORP.

Report No: L0750.01-116-45

Date: 06/05/20

### SECTION 6

### SIMULATION RESULTS

TOTAL PRODUCT CALCULATIONS (GT1400 Fixed Window)												
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	E272/ARG/CLR (6MM/6MM) 1" IG											
	0.224	0.500	0.224					ARG95	0.042(#2)	CL	SS-D	N
	U-Factor 0.32			SHGC (N) 0.36				VT (N) 0.61		CR 56		
2	E272/AIR/CLR (6MM/6MM) 1" IG											
	0.224	0.500	0.224					AIR	0.042(#2)	CL	SS-D	N
	U-Factor 0.36			SHGC (N) 0.36				VT (N) 0.61		CR 54		
3	E270/ARG/CLR (6MM/6MM) 1" IG											
	0.224	0.500	0.224					ARG95	0.035(#2)	CL	SS-D	N
	U-Factor 0.32			SHGC (N) 0.32				VT (N) 0.59		CR 56		
4	E366/ARG/CLR (6MM/6MM) 1" IG											
	0.224	0.500	0.224					ARG95	0.020(#2)	CL	SS-D	N
	U-Factor 0.31			SHGC (N) 0.25				VT (N) 0.55		CR 56		
5	E366/ARG/CLR (6MM/6MM) 1" IG											
	0.224	0.500	0.224					ARG95	0.020(#2)	CL	SS-D	N
	U-Factor 0.31			SHGC (N) 0.25				VT (N) 0.55		CR 57		
6	CLR/ARG/E180 (6MM/6MM) 1" IG											
	0.224	0.500	0.223					ARG95	0.068(#3)	CL	SS-D	N
	U-Factor 0.33			SHGC (N) 0.57				VT (N) 0.68		CR 56		
7	E340/ARG/CLR (6MM/6MM) 1" IG											
	0.224	0.500	0.224					ARG95	0.028(#2)	CL	SS-D	N
	U-Factor 0.32			SHGC (N) 0.17				VT (N) 0.33		CR 56		
8	E272/ARG/CLR LAMI (6MM/3MM .030 3MM) 1" IG											
	0.224	0.484	0.266					ARG95	0.042(#2)	CL	SS-D	N
	U-Factor 0.32			SHGC (N) 0.36				VT (N) 0.61		CR 56		
9	E366/ARG/CLR LAMI (6MM/3MM .030 3MM) 1" IG											
	0.224	0.484	0.266					ARG95	0.020(#2)	CL	SS-D	N
	U-Factor 0.31			SHGC (N) 0.24				VT (N) 0.55		CR 56		
10	SN68/AIR/CLR (6MM/6MM) 1" IG											
	0.221	0.500	0.223					AIR	0.039(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.34				VT (N) 0.59		CR 52		

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### SECTION 6 (Continued)

### SIMULATION RESULTS

TOTAL PRODUCT CALCULATIONS (GT1400 Fixed Window)												
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	SN68/ARG/CLR (6MM/6MM) 1" IG											
	0.221	0.500	0.223					ARG95	0.039(#2)	CL	SS-D	N
	U-Factor 0.33			SHGC (N) 0.33				VT (N) 0.59		CR 54		
12	SNX6227/ARG/CLR (6MM/6MM) 1" IG											
	0.221	0.500	0.223					ARG95	0.020(#2)	CL	SS-D	N
	U-Factor 0.32			SHGC (N) 0.24				VT (N) 0.54		CR 54		
13	SNX5123/ARG/CLR (6MM/6MM) 1" IG											
	0.221	0.500	0.223					ARG95	0.021(#2)	CL	SS-D	N
	U-Factor 0.32			SHGC (N) 0.20				VT (N) 0.44		CR 54		
14	SB60/ARG/CLR (6MM/6MM) 1" IG											
	0.223	0.500	0.223					ARG95	0.035(#2)	CL	SS-D	N
	U-Factor 0.33			SHGC (N) 0.35				VT (N) 0.62		CR 54		
15	SB70/ARG/CLR (6MM/6MM) 1" IG											
	0.223	0.500	0.223					ARG95	0.018(#2)	CL	TS-D	N
	U-Factor 0.31			SHGC (N) 0.24				VT (N) 0.57		CR 56		
16	SB70/ARG/CLR (6MM/6MM) 1" IG											
	0.223	0.500	0.223					ARG95	0.018(#2)	CL	SS-D	N
	U-Factor 0.32			SHGC (N) 0.24				VT (N) 0.57		CR 54		
17	E272/ARG/i89 (#4) (6MM/6MM) 1" IG											
	0.224	0.500	0.223					ARG95	0.042(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.28			SHGC (N) 0.35				VT (N) 0.60		CR 47		
18	E366/ARG/i89 (#4) (6MM/6MM) 1" IG											
	0.224	0.500	0.223					ARG95	0.020(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.27			SHGC (N) 0.24				VT (N) 0.54		CR 48		
19	E366/AIR/i89 (#4) (6MM/6MM) 1" IG											
	0.224	0.500	0.223					AIR	0.020(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.30			SHGC (N) 0.24				VT (N) 0.54		CR 44		
20	SNX6227/ARG/IS20 (#4) (6MM/6MM) 1" IG											
	0.221	0.500	0.221					ARG95	0.020(#2) / 0.198(#4)	CL	SS-D	N
	U-Factor 0.29			SHGC (N) 0.23				VT (N) 0.53		CR 46		