

## TEST REPORT FOR GRAHAM ARCHITECTURAL PRODUCTS CORP.

Report No: K9588.01-116-45

Date: 05/18/20

### SECTION 6

### SIMULATION RESULTS

TOTAL PRODUCT CALCULATIONS (GT2200 SH)												
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	Allmetal: SN68 / air / clr (6mm/6mm) 1" IG											
	0.221	0.500	0.221					AIR	0.039(#2)	CL	SS-D	N
	U-Factor 0.44			SHGC (N) 0.29				VT (N) 0.50		CR 46		
2	Allmetal: SN68 / arg / clr (6mm/6mm) 1" IG											
	0.221	0.500	0.221					ARG95	0.039(#2)	CL	SS-D	N
	U-Factor 0.41			SHGC (N) 0.28				VT (N) 0.50		CR 47		
3	Allmetal: SNX62/27 / arg / clr (6mm/6mm) 1" IG											
	0.221	0.500	0.221					ARG95	0.020(#2)	CL	SS-D	N
	U-Factor 0.41			SHGC (N) 0.20				VT (N) 0.45		CR 47		
4	Allmetal: SNX51/23 / arg / clr (6mm/6mm) 1" IG											
	0.221	0.500	0.221					ARG95	0.021(#2)	CL	SS-D	N
	U-Factor 0.41			SHGC (N) 0.18				VT (N) 0.37		CR 47		
5	Allmetal: SB60 / arg / clr (6mm/6mm) 1" IG											
	0.223	0.500	0.223					ARG95	0.035(#2)	CL	SS-D	N
	U-Factor 0.41			SHGC (N) 0.29				VT (N) 0.52		CR 47		
6	Allmetal: SB70 / arg / clr (6mm/6mm) 1" IG											
	0.223	0.500	0.223					ARG95	0.018(#2)	CL	SS-D	N
	U-Factor 0.41			SHGC (N) 0.21				VT (N) 0.47		CR 47		
7	Allmetal: SNX62/27 / arg / IS-20 (6mm/6mm) 1" IG											
	0.221	0.500	0.221					ARG95	0.020(#2) / 0.198(#4)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.20				VT (N) 0.44		CR 42		
8	Endur: E366 / arg / clr (6mm/6mm) 1" IG											
	0.224	0.500	0.224					ARG95	0.020(#2)	CL	SS-D	N
	U-Factor 0.38			SHGC (N) 0.21				VT (N) 0.46		CR 49		
9	XL Edge: E272 / arg / clr (6mm/6mm) 1" IG											
	0.224	0.500	0.224					ARG95	0.042(#2)	CL	SS-D	N
	U-Factor 0.39			SHGC (N) 0.30				VT (N) 0.51		CR 48		
10	XL Edge: E272 / air / clr (6mm/6mm) 1" IG											
	0.224	0.500	0.224					AIR	0.042(#2)	CL	SS-D	N
	U-Factor 0.42			SHGC (N) 0.31				VT (N) 0.51		CR 48		

## TEST REPORT FOR GRAHAM ARCHITECTURAL PRODUCTS CORP.

Report No: K9588.01-116-45

Date: 05/18/20

### SECTION 6 (Continued)

### SIMULATION RESULTS

TOTAL PRODUCT CALCULATIONS (GT2200 SH)												
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)		
11	XL Edge: E270 / arg / clr (6mm/6mm) 1" IG											
	0.224	0.500	0.224					ARG95	0.035(#2)	CL	SS-D	N
	U-Factor 0.39			SHGC (N) 0.27				VT (N) 0.50		CR 48		
12	XL Edge: E366 / arg / clr (6mm/6mm) 1" IG											
	0.224	0.500	0.224					ARG95	0.020(#2)	CL	SS-D	N
	U-Factor 0.38			SHGC (N) 0.21				VT (N) 0.46		CR 48		
13	XL Edge: clr / arg / E180 (6mm/6mm) 1" IG											
	0.224	0.500	0.223					ARG95	0.068(#3)	CL	SS-D	N
	U-Factor 0.40			SHGC (N) 0.48				VT (N) 0.56		CR 48		
14	XL Edge: E340 / arg / clr (6mm/6mm) 1" IG											
	0.224	0.500	0.224					ARG95	0.028(#2)	CL	SS-D	N
	U-Factor 0.39			SHGC (N) 0.14				VT (N) 0.28		CR 48		
15	XL Edge: E272 / arg / lami (6mm/DS 030PVB DS) 1" IG											
	0.224	0.470	0.264					ARG95	0.042(#2)	CL	SS-D	N
	U-Factor 0.39			SHGC (N) 0.30				VT (N) 0.51		CR 48		
16	XL Edge: E366 / arg / lami (6mm/DS 030PVB DS) 1" IG											
	0.224	0.470	0.264					ARG95	0.020(#2)	CL	SS-D	N
	U-Factor 0.38			SHGC (N) 0.21				VT (N) 0.46		CR 48		
17	XL Edge: E272 / arg / i89 (6mm/6mm) 1" IG											
	0.224	0.500	0.223					ARG95	0.042(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.30				VT (N) 0.50		CR 46		
18	XL Edge: E366 / arg / i89 (6mm/6mm) 1" IG											
	0.224	0.500	0.223					ARG95	0.020(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.20				VT (N) 0.45		CR 46		
19	XL Edge: E366 / air / i89 (6mm/6mm) 1" IG											
	0.224	0.500	0.223					AIR	0.020(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.21				VT (N) 0.45		CR 43		
20	Chromatech: SB70 / arg / clr (6mm/6mm) 1" IG											
	0.223	0.500	0.223					ARG95	0.018(#2)	CL	TS-D	N
	U-Factor 0.38			SHGC (N) 0.21				VT (N) 0.47		CR 48		