

TEST REPORT FOR GRAHAM ARCHITECTURAL PRODUCTS CORP.

Report No: L9113.01-116-45

Date: 02/05/21

SECTION 6

SIMULATION RESULTS

TOTAL PRODUCT CALCULATIONS (S6300 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 ² -F)			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)		Condensation Resistance (CR)		
1	E272 / arg95 / clr (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (XL Edge)											
	0.224	0.500	0.224	2.100	0.472			ARG95/AIR	0.042(#2)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.27				VT (N) 0.38		CR 35		
2	E272 / air / clr (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (XL Edge)											
	0.224	0.500	0.224	2.100	0.472			AIR	0.042(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.27				VT (N) 0.38		CR 35		
3	E272 / arg95 / i89(#4) (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (XL Edge)											
	0.224	0.500	0.223	2.100	0.472			ARG95/AIR	0.042(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.32			SHGC (N) 0.27				VT (N) 0.37		CR 38		
4	E272 / arg95 / i89(#4) (5mm/5mm) - 1" IG // 1/2" Lexan MR10 (XL Edge)											
	0.187	0.625	0.187	2.054	0.472			ARG95/AIR	0.042(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.32			SHGC (N) 0.27				VT (N) 0.37		CR 38		
5	E366 / air / clr (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (XL Edge)											
	0.224	0.500	0.224	2.100	0.472			AIR	0.020(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.19				VT (N) 0.34		CR 35		
6	E366 / arg95 / clr (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (XL Edge)											
	0.224	0.500	0.224	2.100	0.472			ARG95/AIR	0.020(#2)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.19				VT (N) 0.34		CR 35		
7	E366 / arg95 / clr (5mm/5mm) - 1" IG // 1/2" Lexan MR10 (XL Edge)											
	0.185	0.625	0.185	2.054	0.472			ARG95/AIR	0.020(#2)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.19				VT (N) 0.34		CR 35		
8	E340 / arg95 / clr (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (XL Edge)											
	0.224	0.500	0.224	2.100	0.472			ARG95/AIR	0.028(#2)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.13				VT (N) 0.20		CR 35		
9	E366 / arg95 / i89(#4) (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (XL Edge)											
	0.224	0.500	0.223	2.100	0.472			ARG95/AIR	0.020(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.31			SHGC (N) 0.19				VT (N) 0.33		CR 38		
10	E366 / air / i89(#4) (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (XL Edge)											
	0.224	0.500	0.223	2.100	0.472			AIR	0.020(#2) / 0.149(#4)	CL	SS-D	N
	U-Factor 0.33			SHGC (N) 0.19				VT (N) 0.33		CR 38		

TEST REPORT FOR GRAHAM ARCHITECTURAL PRODUCTS CORP.

Report No: L9113.01-116-45

Date: 02/05/21

SECTION 6 (Continued) SIMULATION RESULTS

TOTAL PRODUCT CALCULATIONS (S6300 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 ² -F)			Solar Heat Gain Coefficient (SHGC) Grids (None / <1 / >=1)				Visible Transmittance (VT) Grids (None / <1 / >=1)		Condensation Resistance (CR)		
11	clr / arg95 / E180(#3) (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (XL Edge)											
	0.224	0.500	0.223	2.100	0.472			ARG95/AIR	0.068(#3)	CL	SS-D	N
	U-Factor 0.36			SHGC (N) 0.43				VT (N) 0.42		CR 35		
12	SN68 / air / clr (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (STL)											
	0.221	0.500	0.221	2.100	0.472			AIR	0.039(#2)	CL	SS-D	N
	U-Factor 0.37			SHGC (N) 0.26				VT (N) 0.37		CR 35		
13	SN68 / arg95 / clr (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (STL)											
	0.221	0.500	0.221	2.100	0.472			ARG95/AIR	0.039(#2)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.26				VT (N) 0.37		CR 35		
14	SN68 / arg95 / clr (6mm/8mm) - 1" IG // 1/2" Lexan MR10 (STL)											
	0.221	0.438	0.294	2.083	0.472			ARG95/AIR	0.039(#2)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.25				VT (N) 0.36		CR 35		
15	SN68 Crystal Blue / arg95 / clr (6mm/8mm) - 1" IG // 1/2" Lexan MR10 (STL)											
	0.221	0.438	0.294	2.083	0.472			ARG95/AIR	0.039(#2)	BL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.20				VT (N) 0.24		CR 35		
16	SNX 51/23 / arg95 / clr (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (STL)											
	0.221	0.500	0.221	2.100	0.472			ARG95/AIR	0.021(#2)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.13				VT (N) 0.18		CR 35		
17	SNX 62/27 / arg95 / clr (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (STL)											
	0.221	0.500	0.221	2.100	0.472			ARG95/AIR	0.021(#2)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.14				VT (N) 0.22		CR 35		
18	SB60 / arg95 / clr (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (STL)											
	0.223	0.500	0.223	2.100	0.472			ARG95/AIR	0.035(#2)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.26				VT (N) 0.38		CR 35		
19	SB70 / arg95 / clr (6mm/6mm) - 1" IG // 1/2" Lexan MR10 (STL)											
	0.223	0.500	0.223	2.100	0.472			ARG95/AIR	0.018(#2)	CL	SS-D	N
	U-Factor 0.35			SHGC (N) 0.19				VT (N) 0.35		CR 35		
20	SN68 / arg95 / IS-20(#4) (6mm/6mm) - 1" IG // 1/2" Lexan MR10											
	0.221	0.500	0.221	2.100	0.472			ARG95/AIR	0.039(#2) / 0.198(#4)	CL	TS-D	N
	U-Factor 0.32			SHGC (N) 0.25				VT (N) 0.36		CR 38		