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130 Derry Court
York, Pennsylvania 17406

Telephone: 717-764-7700
Facsimile: 717-764-4129
www.intertek.com/building

TEST REPORT FOR GRAHAM ARCHITECTURAL PRODUCTS CORP.
Report No: N6968.01-116-45 R0
Date: 05/17/22

SECTION 6
SIMULATION RESULTS

TOTAL PRODUCT CALCULATIONS (GT2500 Double Hung)

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 / ARG95 / 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)**			**0.35**		**VT(N)**	**0.61**	**CR**	**57**
2	E272 / ARG95 / CLR-LAMI (6MM/3MM|030 PVB|3MM) - 1" IG											
	0.224	0.469	0.264					ARG95	0.042(#2)	CL	SS-D	N
	U-Factor		**0.39**	**SHGC(N)**			**0.35**		**VT(N)**	**0.61**	**CR**	**57**
3	LAMI-E272 / ARG95 / CLR-LAMI (3MM|060 PVB|3MM/3MM|060 PVB|3MM) - 1" IG											
	0.295	0.375	0.294					ARG95	0.042(#2)	CL	SS-D	N
	U-Factor		**0.39**	**SHGC(N)**			**0.35**		**VT(N)**	**0.60**	**CR**	**56**
4	E270 / ARG95 / CLR-LAMI (5MM/3MM|060 PVB|3MM) - 1" IG											
	0.185	0.500	0.294					ARG95	0.035(#2)	CL	SS-D	N
	U-Factor		**0.38**	**SHGC(N)**			**0.32**		**VT(N)**	**0.59**	**CR**	**55**
5	VE1-2M / ARG95 / CLR-LAMI (6MM/3MM|060 PVB|3MM) - 1" IG											
	0.223	0.433	0.294					ARG95	0.040(#2)	CL	SS-D	N
	U-Factor		**0.39**	**SHGC(N)**			**0.33**		**VT(N)**	**0.61**	**CR**	**53**
6	VE1-2M / ARG95 / CLR-LAMI (6MM/3MM|060 PVB|3MM) - 1" IG											
	0.223	0.433	0.294					ARG95	0.040(#2)	CL	TP-S	N
	U-Factor		**0.39**	**SHGC(N)**			**0.33**		**VT(N)**	**0.61**	**CR**	**53**
7	SN68 / ARG95 / CLR (6MM/6MM) - 1" IG											
	0.221	0.500	0.221					ARG95	0.039(#2)	CL	SS-D	N
	U-Factor		**0.40**	**SHGC(N)**			**0.33**		**VT(N)**	**0.59**	**CR**	**52**
8	SN68 / ARG95 / CLR-LAMI (5MM/3MM|060 PVB|3MM) - 1" IG											
	0.182	0.500	0.294					ARG95	0.039(#2)	CL	SS-D	N
	U-Factor		**0.40**	**SHGC(N)**			**0.33**		**VT(N)**	**0.59**	**CR**	**53**
9	LAMI-SN68 / ARG95 / CLR-LAMI (3MM|060 PVB|3MM/3MM|060 PVB|3MM) - 1" IG											
	0.294	0.375	0.294					ARG95	0.039(#2)	CL	SS-D	N
	U-Factor		**0.40**	**SHGC(N)**			**0.33**		**VT(N)**	**0.58**	**CR**	**52**
10	SNX 62/27 / ARG95 / CLR (6MM/6MM) - 1" IG											
	0.221	0.500	0.221					ARG95	0.020(#2)	CL	SS-D	N
	U-Factor		**0.40**	**SHGC(N)**			**0.23**		**VT(N)**	**0.54**	**CR**	**51**

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SECTION 6 (Continued)
SIMULATION RESULTS

TOTAL PRODUCT CALCULATIONS (GT2500 Double Hung)

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	SNX 62/27 / ARG95 / CLR (6MM/6MM) - 1" IG											
	0.221	0.500	0.221					ARG95	0.020(#2)	CL	TS-D	N
	U-Factor		**0.38**	**SHGC(N)**			**0.23**		**VT(N)**	**0.54**	**CR**	**54**
12	SB60 / ARG95 / CLR (6MM/6MM) - 1" IG											
	0.223	0.500	0.223					ARG95	0.035(#2)	CL	SS-D	N
	U-Factor		**0.40**	**SHGC(N)**			**0.34**		**VT(N)**	**0.61**	**CR**	**52**
13	SB60 / ARG95 / CLR-LAMI (5MM/3MM|060 PVB|3MM) - 1" IG											
	0.184	0.500	0.294					ARG95	0.035(#2)	CL	SS-D	N
	U-Factor		**0.39**	**SHGC(N)**			**0.35**		**VT(N)**	**0.62**	**CR**	**52**
14	LAMI-SB60 / ARG95 / CLR-LAMI (3MM|060 PVB|3MM/3MM|060 PVB|3MM) - 1" IG											
	0.318	0.375	0.294					ARG95	0.035(#2)	CL	SS-D	N
	U-Factor		**0.40**	**SHGC(N)**			**0.34**		**VT(N)**	**0.61**	**CR**	**52**
15	SB70 / ARG95 / CLR (6MM/6MM) - 1" IG											
	0.223	0.500	0.223					ARG95	0.018(#2)	CL	SS-D	N
	U-Factor		**0.39**	**SHGC(N)**			**0.24**		**VT(N)**	**0.56**	**CR**	**51**
16	SB70 / ARG95 / 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)**			**0.24**		**VT(N)**	**0.56**	**CR**	**54**
17	SB70 / ARG95 / CLR-LAMI (5MM/3MM|060 PVB|3MM) - 1" IG											
	0.184	0.500	0.294					ARG95	0.018(#2)	CL	SS-D	N
	U-Factor		**0.39**	**SHGC(N)**			**0.24**		**VT(N)**	**0.56**	**CR**	**53**