

Simulation No.	DATE OF CALCULATION	Profile & Reinforcing Specification				Glass Specification							Glass Results		Whole Door Results			
		Threshold	Bead	Interlock	Reinforcing	Config	Glass 1 (external)	Glass 2 (triple only)	Glass 3 (internal)	Gas Fill	Spacer Bar	Center Pane U Value	Glass G Value	BFRC Rating	Energy Index	BFRC U Value	Solar Factor G Window	
SY0001	14/10/2019	PVC	EWS7301 or EWS7312	Aluminum	Standard	4/204	SG Planiclear Float	N/A	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	1.219	0.73	A	5	1.4	0.48	
SY0002	28/10/2019	PART M	EWS7301 or EWS7312	Aluminum	Standard	4/204	SG Planiclear Float	N/A	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	1.219	0.73	A	1	1.5	0.48	
SY0003	16/09/2019	PVC	EWS7301 or EWS7312	Aluminum	Enhanced	4/204	SG Planiclear Float	N/A	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	1.219	0.73	A	4	1.4	0.48	
SY0004	28/10/2019	PART M	EWS7301 or EWS7312	Aluminum	Enhanced	4/204	SG Planiclear Float	N/A	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	1.219	0.73	A	1	1.5	0.48	
SY0005	14/10/2019	PVC	EWS7301 or EWS7312	Aluminum	Standard	4/204	SG Diamant	N/A	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	1.219	0.75	A	6	1.4	0.49	
SY0006	29/10/2019	PART M	EWS7301 or EWS7312	Aluminum	Standard	4/204	SG Diamant	N/A	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	1.219	0.75	A	6	1.5	0.50	
SY0007	12/09/2019	PVC	EWS7301 or EWS7312	Aluminum	Enhanced	4/204	SG Diamant	N/A	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	1.219	0.75	A	6	1.4	0.49	
SY0008	29/10/2019	PART M	EWS7301 or EWS7312	Aluminum	Enhanced	4/204	SG Diamant	N/A	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	1.219	0.75	A	1	1.5	0.50	
SY0009	14/10/2019	PVC	EWS7301 or EWS7312	Aluminum	Standard	6.8/18/4	SG Planiclear Lam	N/A	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	1.204	0.66	B	-6	1.4	0.43	
SY0010	30/10/2019	PART M	EWS7301 or EWS7312	Aluminum	Standard	6.8/18/4	SG Planiclear Lam	N/A	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	1.204	0.66	B	-7	1.5	0.44	
SY0011	15/10/2019	PVC	EWS7301 or EWS7312	Aluminum	Enhanced	6.8/18/4	SG Planiclear Lam	N/A	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	1.204	0.66	B	-7	1.4	0.43	
SY0012	31/10/2019	PART M	EWS7301 or EWS7312	Aluminum	Enhanced	6.8/18/4	SG Planiclear Lam	N/A	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	1.204	0.66	B	-7	1.5	0.44	
SY0013	15/10/2019	PVC	EWS7301 or EWS7312	Aluminum	Standard	4/204	SG Planiclear Float	N/A	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	1.070	0.53	C	-17	1.3	0.35	
SY0014	01/11/2019	PART M	EWS7301 or EWS7312	Aluminum	Standard	4/204	SG Planiclear Float	N/A	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	1.070	0.53	C	-19	1.4	0.35	
SY0015	16/09/2019	PVC	EWS7301 or EWS7312	Aluminum	Enhanced	4/204	SG Planiclear Float	N/A	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	1.070	0.53	C	-17	1.3	0.35	
SY0016	01/11/2019	PART M	EWS7301 or EWS7312	Aluminum	Enhanced	4/204	SG Planiclear Float	N/A	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	1.070	0.53	C	-20	1.4	0.35	
SY0017	16/10/2019	PVC	EWS7301 or EWS7312	Aluminum	Standard	4/204	SG Diamant	N/A	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	1.070	0.54	C	-16	1.3	0.35	
SY0018	01/11/2019	PART M	EWS7301 or EWS7312	Aluminum	Standard	4/204	SG Diamant	N/A	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	1.070	0.54	C	-17	1.4	0.36	
SY0019	16/09/2019	PVC	EWS7301 or EWS7312	Aluminum	Enhanced	4/204	SG Diamant	N/A	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	1.070	0.54	C	-17	1.3	0.35	
SY0020	04/11/2019	PART M	EWS7301 or EWS7312	Aluminum	Enhanced	4/204	SG Diamant	N/A	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	1.070	0.54	C	-18	1.4	0.36	
SY0021	17/10/2019	PVC	EWS7301 or EWS7312	Aluminum	Standard	6.8/18/4	SG Planiclear Lam	N/A	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	1.055	0.49	D	-23	1.3	0.32	
SY0022	04/11/2019	PART M	EWS7301 or EWS7312	Aluminum	Standard	6.8/18/4	SG Planiclear Lam	N/A	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	1.055	0.49	D	-26	1.4	0.32	
SY0023	17/10/2019	PVC	EWS7301 or EWS7312	Aluminum	Enhanced	6.8/18/4	SG Planiclear Lam	N/A	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	1.055	0.49	D	-23	1.3	0.32	
SY0024	04/11/2019	PART M	EWS7301 or EWS7312	Aluminum	Enhanced	6.8/18/4	SG Planiclear Lam	N/A	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	1.055	0.49	D	-27	1.4	0.32	
SY0025	21/10/2019	PVC	EWS7303 or EWS7313	Aluminum	Standard	4/124/12/4	SG Planiclear Float	SG Planitherm Total +	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	0.763	0.63	A+	14	1.1	0.41	
SY0026	06/11/2019	PART M	EWS7303 or EWS7313	Aluminum	Standard	4/124/12/4	SG Planiclear Float	SG Planitherm Total +	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	0.763	0.63	A+	13	1.1	0.42	
SY0027	21/10/2019	PVC	EWS7303 or EWS7313	Aluminum	Enhanced	4/124/12/4	SG Planiclear Float	SG Planitherm Total +	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	0.763	0.63	A+	13	1.1	0.41	
SY0028	06/11/2019	PART M	EWS7303 or EWS7313	Aluminum	Enhanced	4/124/12/4	SG Planiclear Float	SG Planitherm Total +	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	0.763	0.63	A+	12	1.1	0.42	
SY0029	21/10/2019	PVC	EWS7303 or EWS7313	Aluminum	Standard	4/124/12/4	SG Diamant	SG Planitherm Total +	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	0.763	0.64	A+	16	1.1	0.42	
SY0030	06/11/2019	PART M	EWS7303 or EWS7313	Aluminum	Standard	4/124/12/4	SG Diamant	SG Planitherm Total +	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	0.763	0.64	A+	13	1.1	0.42	
SY0031	21/10/2019	PVC	EWS7303 or EWS7313	Aluminum	Enhanced	4/124/12/4	SG Diamant	SG Planitherm Total +	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	0.763	0.64	A+	15	1.1	0.42	
SY0032	06/11/2019	PART M	EWS7303 or EWS7313	Aluminum	Enhanced	4/124/12/4	SG Diamant	SG Planitherm Total +	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	0.763	0.64	A+	12	1.1	0.42	
SY0033	22/10/2019	PVC	EWS7303 or EWS7313	Aluminum	Standard	4/124/12/4	SG Planiclear Float	SG Planitherm One II	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	0.674	0.41	C	-13	1.0	0.27	
SY0034	07/11/2019	PART M	EWS7303 or EWS7313	Aluminum	Standard	4/124/12/4	SG Planiclear Float	SG Planitherm One II	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	0.674	0.41	C	-16	1.0	0.27	
SY0035	17/09/2019	PVC	EWS7303 or EWS7313	Aluminum	Enhanced	4/124/12/4	SG Planiclear Float	SG Planitherm One II	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	0.674	0.41	C	-14	1.0	0.27	
SY0036	07/11/2019	PART M	EWS7303 or EWS7313	Aluminum	Enhanced	4/124/12/4	SG Planiclear Float	SG Planitherm One II	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	0.674	0.41	C	-16	1.0	0.27	
SY0037	22/10/2019	PVC	EWS7303 or EWS7313	Aluminum	Standard	4/124/12/4	SG Diamant	SG Planitherm One II	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	0.674	0.42	C	-13	1.0	0.27	
SY0038	07/11/2019	PART M	EWS7303 or EWS7313	Aluminum	Standard	4/124/12/4	SG Diamant	SG Planitherm One II	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	0.674	0.42	C	-13	1.0	0.28	
SY0039	23/10/2019	PVC	EWS7303 or EWS7313	Aluminum	Enhanced	4/124/12/4	SG Diamant	SG Planitherm One II	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	0.674	0.42	C	-14	1.0	0.27	
SY0040	07/11/2019	PART M	EWS7303 or EWS7313	Aluminum	Enhanced	4/124/12/4	SG Diamant	SG Planitherm One II	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	0.674	0.42	C	-14	1.1	0.28	
SY0041	25/10/2019	PVC	EWS7303 or EWS7313	Aluminum	Standard	6.8/12/4/10/4	SG Planiclear Lam	SG Planitherm Total +	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	0.811	0.58	A	4	1.1	0.38	
SY0042	12/11/2019	PART M	EWS7303 or EWS7313	Aluminum	Standard	6.8/12/4/10/4	SG Planiclear Lam	SG Planitherm Total +	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	0.811	0.58	A	2	1.2	0.38	
SY0043	25/10/2019	PVC	EWS7303 or EWS7313	Aluminum	Enhanced	6.8/12/4/10/4	SG Planiclear Lam	SG Planitherm Total +	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	0.811	0.58	A	3	1.1	0.38	
SY0044	12/11/2019	PART M	EWS7303 or EWS7313	Aluminum	Enhanced	6.8/12/4/10/4	SG Planiclear Lam	SG Planitherm Total +	SG Planitherm Total +	Argon	Swisspacer Ultimate / Thermobar	0.811	0.58	A	0	1.2	0.38	
SY0045	25/10/2019	PVC	EWS7303 or EWS7313	Aluminum	Standard	6.8/12/4/10/4	SG Planiclear Lam	SG Planitherm One II	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	0.723	0.38	C	-20	1.0	0.25	
SY0046	12/11/2019	PART M	EWS7303 or EWS7313	Aluminum	Standard	6.8/12/4/10/4	SG Planiclear Lam	SG Planitherm One II	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	0.723	0.38	D	-23	1.1	0.25	
SY0047	25/10/2019	PVC	EWS7303 or EWS7313	Aluminum	Enhanced	6.8/12/4/10/4	SG Planiclear Lam	SG Planitherm One II	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	0.723	0.38	D	-21	1.1	0.25	
SY0048	13/11/2019	PART M	EWS7303 or EWS7313	Aluminum	Enhanced	6.8/12/4/10/4	SG Planiclear Lam	SG Planitherm One II	SG Planitherm One II	Argon	Swisspacer Ultimate / Thermobar	0.723	0.38	D	-23	1.1	0.25	
SY0049	12/05/2020	PVC	EWS7301 or EWS7312	Aluminum	Standard	4/204	Guardian Extraclear	N/A	Guardian Climaguard A+	Argon	Edgetech SuperSpacer Pluslam	1.219	0.73	A	5	1.4	0.48	
SY0050	20/08/2020	PVC	EWS7301 or EWS7312	Aluminum	Enhanced	6.8/18/4	Guardian Extraclear Lam	N/A	Guardian Climaguard A+	Argon	Swisspacer Ultimate / Thermobar	1.204	0.66	B	-7	1.4	0.43	
SY0051	08/10/2021	PVC	EWS7301 or EWS7312	Aluminum	Enhanced	6.8/18/4	SG Planiclear Laminale	N/A	SG Planitherm Ultra N II	Argon	Swisspacer Ultimate / Thermobar	1.134	0.59	C	-14	1.4	0.38	