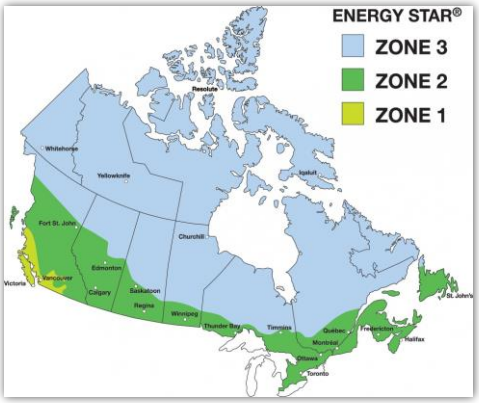
Patio Doors - PVC S-7500

Energy Performance

Model Direct link to ENERGY STAR site	Details	Product Name	U-factor (W/m² - K)	Solar heat gain (SHGC)	Energy Rating ER	ENERGY STAR zone(s) 2015	ENERGY STAR zone(s) 2010	NFRC
PP-S7500-CL-ARG95-SG400,3MM	Th2-Cl-arg95-SG400,3mm	S-7500	0,3	0,52	32	1 | 2	A | B | C	MPE-M-28
PP-S7500-CL-ARG95-SG400,4MM	Th2-Cl-arg95-SG400,4mm	S-7500	0,3	0,51	31	1 | 2	A | B | C	MPE-M-28
PP-S7500-CL-ARG95-LOF,3MM	Th2-Cl-arg95-LOF,3mm	S-7500	0,31	0,55	32	1 | 2	A | B | C	MPE-M-28
PP-S7500-CL-ARG95-LOF,3MM,GEOR	Th2-Cl-arg95-LOF,3mm, GEORGIAN	S-7500	0,31	0,49	29	1 | 2	A | B | C	MPE-M-28
PP-S7500-CL-ARG95-LOF,4MM	Th2-Cl-arg95-LOF,4mm	S-7500	0,31	0,55	32	1 | 2	A | B | C	MPE-M-28
PP-S7500-CL-ARG95-CL-ARG95-SG400	Cl-arg95-Cl-arg95-SG400	S-7500	0,26	0,48	34	1 | 2 | 3	A | B | C | D	MPE-M-28
PP-S7500-CL-ARG95-CL-ARG95-LOF,GEOR	Th3-Cl-arg95-Cl-arg95-SG400, GEORGIAN	S-7500	0,27	0,42	30	1 | 2	A | B | C	MPE-M-28
PP-S7500-SG400-ARG95-CL-ARG95-SG400	Th3-SG400-arg95-Cl-arg95-SG400	S-7500	0,23	0,41	34	1 | 2 | 3	A | B | C | D	MPE-M-28
PP-S7500-SG400-ARG95-CL-ARG95-SG400,GEOR	Th3-SG400-arg95-Cl-arg95-SG400, GEORGIAN	S-7500	0,24	0,36	30	1 | 2	A | B | C	MPE-M-28
PP-S7500-CL-ARG95-CL-ARG95-LOF	Th3-Cl-arg95-Cl-arg95-LOF	S-7500	0,27	0,5	34	1 | 2 | 3	A | B | C | D	MPE-M-28
PP-S7500-CL-ARG95-CL-ARG95-SG400,GEOR	Th3-Cl-arg95-Cl-arg95-LOF,GEORGIAN	S-7500	0,28	0,44	29	1 | 2	A | B | C	MPE-M-28
PP-S7500-LOF-ARG95-CL-ARG95-LOF	Th3-LOF-arg95-Cl-arg95-LOF	S-7500	0,24	0,45	35	1 | 2 | 3	A | B | C | D	MPE-M-28
PP-S7500-LOF-ARG95-CL-ARG95-LOF,GEOR	Th3-LOF-arg95-Cl-arg95-LOF,GEORGIAN	S-7500	0,25	0,39	30	1 | 2	A | B | C	MPE-M-28



Th2 [3]: Double [triple] glazed insulated glass unit (two [three] glass panes) - **Georgian:** integrated grilles in double [triple] glazed insulated glass unit.
U-factor: (W/m²-K) The lower the U-factor, the better the ability to resist to heat transfer.
SHGC: Solar Heat Gain Coefficient, the higher the SHGC, the more the solar heat is transmitted inside.
R-value: (1 / U-factor) A high R-value indicates a better heat resistance, thus more effective insulation.
The values are determined according to the procedure of the National Fenestration Rating Concil (NFRC).
ER: The Energy Rating is the result of a formula taking into account the U-value, the SHGC and the airtightness of the product. The ER value measures the overall performance of a window. The higher the value, the better the product efficiency in terms of energy.

Structural Performance

PERFORMANCE TESTING IN ACCORDANCE WITH AAMA/WDMA/CSA 101/I.S.2/A440-08								
	Performance grade (PG)	Airtightness	Water tightness	Wind load resistance	Screen resistance	Resistance to forced entry	Usability	Structural test
Patio Door - PVC S-7500	LC-**PG35**-SD	A3	B3	C1	-	Successful	Successful	TSP 35

PG: Performance Grade from the NAFS-08 harmonized standard (North American Fenestration Standard) for a given size on a scale from PG15 to PG100. The higher the value is, the better the product efficiency.
Airtightness: Resistance to air exfiltration/infiltration on a scale ranging from A1 to A3. The higher the value, the greater the sealing.
Water tightness: Resistance to water infiltration on a scale ranging from B1 to B7. The higher the value, the greater the sealing.
Wind load resistance: Resistance to wind pressures on a scale ranging from C1 to C5 without breakage or permanent deformation. The higher the value, the greater the resistance.
Screen resistance: Resistance rating without damage or permanent deformation while remaining firmly attached to the window under a force of 60 Newtons outwards.
Resistance to forced entry: Capacity when locked to withstand a forced entry under specified load and conditions for a rating of F10 or F20. The higher the value, the greater the resistance.
Usability: Test for measuring the force required to initiate and maintain the opening movement of the window or the door.
Structural test: Structural test pressure (STP) [greater than values specified in pounds per square foot (psf) or in pascals (Pa)] supported before permanent deformation measured on the jamb of the sash.
Maximum values indicated.