



WINDOWS & DOORS LISTING PROGRAM

Customer: Permanent Windows Solutions Inc.
Class: Fenestration Products – Energy Performance
Location: Edmonton, Alberta
Website: www.permasol.ca

Listing No. W589-2
Project No. W589-2 ED3
Effective Date: April 17, 2023
Last Revised Date: June 3, 2026
Expires: N/A

Standards: CSA A440.2-19 “Fenestration Energy Performance”

Product: Vinyl Doors

Markings: Products are marked with the following content in a permanent manner where it is readily visible after installation:

- a) Manufacturer’s name, Trademark or other recognized symbol or identification.
- b) QAI file Number: W589
- c) QAI logo shown here:



- d) “Evaluation for energy performance in accordance with CSA A440.2” / “Évalué pour la performance d’énergie en accord à la norme CSA A440.2”

**Models / Ratings:****Brilliant Series Outswing Side-Hinged Door**

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	PERM-BROSHD-4,SB60(2)-4,CL-4,SB60(5)-14AR90EE-R1	1.14	0.20	26
G02	PERM-BROSHD-4,SB60(2)-4,CL-4,SB60(5)-10AR90EE-R1	1.22	0.20	24
G03	PERM-BROSHD-4,SB60(2)-4,CL-4,SB60(5)-16AR90EE-R1	1.14	0.20	26
G04	PERM-BROSHD-4,SB60(2)-4,CL-16AR90EE-R1	1.59	0.23	18

Brilliant Series Tilt & Turn (Inswing) Door

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	PERM-BRTTD-4,SB60(2)-4,CL-4,SB60(5)-14AR90EE-R1	0.99	0.23	31
G02	PERM-BRTTD-4,SB60(2)-4,CL-4,SB60(5)-10AR90EE-R1	1.08	0.23	29
G03	PERM-BRTTD-4,SB60(2)-4,CL-4,SB60(5)-16AR90EE-R1	1.00	0.23	31
G04	PERM-BRTTD-4,SB60(2)-4,CL-16AR90EE-R1	1.52	0.27	22

Synego Series Sliding Door

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	PERM-SYSD-6,6227(2)-6,GCL-22AR90CU-R1	1.56	0.19	17
G02	PERM-SYSD-4,CP2(2)-4,GCL-4,CP2(5)-16/14AR90CU-R1	0.97	0.37	40
G03	PERM-SYSD-6,6227(2)-4,GCL-4,CP2(5)-14AR90CU-R1	0.97	0.18	29
G04	PERM-SYSD-4,CP2(2)-4,GCL-4,CP2(5)-18/20AR90CU-R1	0.98	0.37	40
G05	PERM-SYSD-6,6227(2)-4,GCL-4,CP2(5)-18AR90CU-R1	0.97	0.17	28

Slinova Series Sliding Door

Glass / Grille Option #	Model Code	U-Factor (W/m ² K)	Product SHGC	Energy Rating
G01	PERM-SLSD-4,CP2(2)-4,CP2(3)-16AR90CU-R1	1.65	0.39	25
G02	PERM-SLSD-6,6227(2)-4,GCL-14AR90CU-R1	1.65	0.19	13
G03	PERM-SLSD-6,6227(2)-4,GCL-22AR90CU-R1	1.70	0.19	12
G04	PERM-SLSD-6,CP2(2)-6,CP2(3)-20AR90CU-R1	1.67	0.38	24
G05	PERM-SLSD-4,CP2(2)-4,GCL-4,CP2(5)-10AR90CU-R1	1.22	0.36	32



Notes:

- Products are not intended for installation in storefronts, non-operable portions of curtain wall, fixed glazing cast into precast concrete panels, greenhouses, skylights or sloped glazing.
- Test procedures are designed to test the performance of the test specimen only and are not necessarily used to test the performance of the installation, particularly the perimeter sealant joint and anchoring of the assembly.
- The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI.
- No warranty is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing.
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