

Notice of Product Certification

CERTIFICATION NO.: 769-001
INITIAL CERTIFICATION DATE: September 12, 2023
REVISION DATE: N/A
REPORT NUMBER: TPE23008-6-C_CSSV-a-3
SPECIFICATION: CSA A440.2-22

COMPANY: Dalmen Windows & Doors
CODE: 769-1
EXPIRATION DATE: August 1, 2028
PRODUCT SIMULATED BY: Veridis Solutions
AIR LEAKAGE REPORT NO.: AI-03430-C3

PRODUCT/SERIES NAME: 4600 PVC (CAS-FX CAS) **OPERATOR TYPE:** CSSV

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (Metric)	SHGC(w)	Visible Transmittance (VT)	Air Leakage Average (L75)	Energy Rating
769-001-0001-01	3mm, 7-8, 6227#2-arg95-IS20#4, ss	0.023(#2) 0.198(#4)	1.26	0.16	0.39	0.1	21
769-001-0002-01	3mm, 7-8, 6227#2-arg95-IS20#4, ss, Grids< 1"	0.023(#2) 0.198(#4)	1.26	0.15	0.35	0.1	21
769-001-0003-01	3mm, 7-8, 6227#2-arg95-IS20#4, ss, Grids>= 1"	0.023(#2) 0.198(#4)	1.26	0.14	0.31	0.1	20
769-001-0004-01	3mm, 7-8, 6227#2-arg95-IS20#4, ss, SDL< 1"	0.023(#2) 0.198(#4)	1.26	0.15	0.35	0.1	21
769-001-0005-01	3mm, 7-8, 6227#2-arg95-IS20#4, ss, SDL>= 1"	0.023(#2) 0.198(#4)	1.26	0.14	0.31	0.1	20
769-001-0006-01	3mm, 7-8, 6227#2-arg95-GCl, ss	0.023(#2)	1.43	0.17	0.40	0.1	18
769-001-0007-01	3mm, 7-8, 6227#2-arg95-GCl, ss, Grids< 1"	0.023(#2)	1.43	0.15	0.36	0.1	17
769-001-0008-01	3mm, 7-8, 6227#2-arg95-GCl, ss, Grids>= 1"	0.023(#2)	1.43	0.14	0.32	0.1	17
769-001-0009-01	3mm, 7-8, 6227#2-arg95-GCl, ss, SDL< 1"	0.023(#2)	1.43	0.15	0.36	0.1	17
769-001-0010-01	3mm, 7-8, 6227#2-arg95-GCl, ss, SDL>= 1"	0.023(#2)	1.43	0.14	0.32	0.1	17
769-001-0011-01	3mm, 7-8, 8071#2-arg95-IS20#4, ss	0.082(#2) 0.198(#4)	1.32	0.42	0.51	0.1	35
769-001-0012-01	3mm, 7-8, 8071#2-arg95-IS20#4, ss, Grids< 1"	0.082(#2) 0.198(#4)	1.32	0.38	0.46	0.1	33
769-001-0013-01	3mm, 7-8, 8071#2-arg95-IS20#4, ss, Grids>= 1"	0.082(#2) 0.198(#4)	1.32	0.35	0.41	0.1	31
769-001-0014-01	3mm, 7-8, 8071#2-arg95-IS20#4, ss, SDL< 1"	0.082(#2) 0.198(#4)	1.32	0.38	0.46	0.1	33
769-001-0015-01	3mm, 7-8, 8071#2-arg95-IS20#4, ss, SDL>= 1"	0.082(#2) 0.198(#4)	1.32	0.35	0.41	0.1	31
769-001-0016-01	3mm, 7-8, CG70#2-arg95-IS20#4, ss	0.025(#2) 0.198(#4)	1.27	0.22	0.44	0.1	25
769-001-0017-01	3mm, 7-8, CG70#2-arg95-IS20#4, ss, Grids< 1"	0.025(#2) 0.198(#4)	1.27	0.20	0.39	0.1	24
769-001-0018-01	3mm, 7-8, CG70#2-arg95-IS20#4, ss, Grids>= 1"	0.025(#2) 0.198(#4)	1.27	0.19	0.35	0.1	23
769-001-0019-01	3mm, 7-8, CG70#2-arg95-IS20#4, ss, SDL< 1"	0.025(#2) 0.198(#4)	1.27	0.20	0.39	0.1	24
769-001-0020-01	3mm, 7-8, CG70#2-arg95-IS20#4, ss, SDL>= 1"	0.025(#2) 0.198(#4)	1.27	0.19	0.35	0.1	23
769-001-0021-01	3mm, 7-8, CG70#2-arg95-GCl, ss	0.025(#2)	1.43	0.23	0.45	0.1	22
769-001-0022-01	3mm, 7-8, CG70#2-arg95-GCl, ss, Grids< 1"	0.025(#2)	1.43	0.21	0.41	0.1	21
769-001-0023-01	3mm, 7-8, CG70#2-arg95-GCl, ss, Grids>= 1"	0.025(#2)	1.43	0.19	0.36	0.1	19
769-001-0024-01	3mm, 7-8, CG70#2-arg95-GCl, ss, SDL< 1"	0.025(#2)	1.43	0.21	0.41	0.1	21
769-001-0025-01	3mm, 7-8, CG70#2-arg95-GCl, ss, SDL>= 1"	0.025(#2)	1.43	0.19	0.36	0.1	19

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (Metric)	SHGC(w)	Visible Transmittance (VT)	Air Leakage Average (L75)	Energy Rating
769-001-0026-01	3mm, 7-8, GCl-arg95-8071#3, ss	0.082(#3)	1.51	0.47	0.52	0.1	34
769-001-0027-01	3mm, 7-8, GCl-arg95-8071#3, ss, Grids< 1"	0.082(#3)	1.51	0.42	0.47	0.1	31
769-001-0028-01	3mm, 7-8, GCl-arg95-8071#3, ss, Grids>= 1"	0.082(#3)	1.51	0.38	0.42	0.1	29
769-001-0029-01	3mm, 7-8, GCl-arg95-8071#3, ss, SDL< 1"	0.082(#3)	1.51	0.42	0.47	0.1	31
769-001-0030-01	3mm, 7-8, GCl-arg95-8071#3, ss, SDL>= 1"	0.082(#3)	1.51	0.38	0.42	0.1	29
769-001-0031-01	3mm, 1 1-4, 6227#2-arg95-6227#4-arg95-IS20#6, ss	0.023(#2) 0.023(#4)	0.90	0.12	0.26	0.1	27
769-001-0032-01	3mm, 1 1-4, 6227#2-arg95-6227#4-arg95-IS20#6, ss, Grids< 1"	0.023(#2) 0.023(#4)	0.90	0.11	0.24	0.1	26
769-001-0033-01	3mm, 1 1-4, 6227#2-arg95-6227#4-arg95-IS20#6, ss, Grids>= 1"	0.023(#2) 0.023(#4)	0.90	0.10	0.21	0.1	26
769-001-0034-01	3mm, 1 1-4, 6227#2-arg95-6227#4-arg95-IS20#6, ss, SDL< 1"	0.023(#2) 0.023(#4)	0.90	0.11	0.24	0.1	26
769-001-0035-01	3mm, 1 1-4, 6227#2-arg95-6227#4-arg95-IS20#6, ss, SDL>= 1"	0.023(#2) 0.023(#4)	0.90	0.10	0.21	0.1	26
769-001-0036-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-IS20#6, ss	0.023(#2)	1.07	0.15	0.35	0.1	25
769-001-0037-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-IS20#6, ss, Grids< 1"	0.023(#2)	1.07	0.14	0.32	0.1	24
769-001-0038-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-IS20#6, ss, Grids>= 1"	0.023(#2)	1.07	0.13	0.29	0.1	24
769-001-0039-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-IS20#6, ss, SDL< 1"	0.023(#2)	1.07	0.14	0.32	0.1	24
769-001-0040-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-IS20#6, ss, SDL>= 1"	0.023(#2)	1.07	0.13	0.29	0.1	24
769-001-0041-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-6227#5, ss	0.023(#2) 0.023(#5)	0.95	0.14	0.27	0.1	27
769-001-0042-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-6227#5, ss, Grids< 1"	0.023(#2) 0.023(#5)	0.95	0.13	0.24	0.1	27
769-001-0043-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-6227#5, ss, Grids>= 1"	0.023(#2) 0.023(#5)	0.95	0.12	0.22	0.1	26
769-001-0044-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-6227#5, ss, SDL< 1"	0.023(#2) 0.023(#5)	0.95	0.13	0.24	0.1	27
769-001-0045-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-6227#5, ss, SDL>= 1"	0.023(#2) 0.023(#5)	0.95	0.12	0.22	0.1	26
769-001-0046-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-GCl, ss	0.023(#2)	1.17	0.16	0.36	0.1	23
769-001-0047-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-GCl, ss, Grids< 1"	0.023(#2)	1.17	0.14	0.33	0.1	22
769-001-0048-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-GCl, ss, Grids>= 1"	0.023(#2)	1.17	0.13	0.29	0.1	22
769-001-0049-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-GCl, ss, SDL< 1"	0.023(#2)	1.17	0.14	0.33	0.1	22
769-001-0050-01	3mm, 1 1-4, 6227#2-arg95-GCl-arg95-GCl, ss, SDL>= 1"	0.023(#2)	1.17	0.13	0.29	0.1	22
769-001-0051-01	3mm, 1 1-4, 8071#2-arg95-8071#4-arg95-IS20#6, ss	0.082(#2) 0.082(#4)	0.95	0.36	0.45	0.1	40
769-001-0052-01	3mm, 1 1-4, 8071#2-arg95-8071#4-arg95-IS20#6, ss, Grids< 1"	0.082(#2) 0.082(#4)	0.95	0.33	0.41	0.1	38
769-001-0053-01	3mm, 1 1-4, 8071#2-arg95-8071#4-arg95-IS20#6, ss, Grids>= 1"	0.082(#2) 0.082(#4)	0.95	0.30	0.37	0.1	36
769-001-0054-01	3mm, 1 1-4, 8071#2-arg95-8071#4-arg95-IS20#6, ss, SDL< 1"	0.082(#2) 0.082(#4)	0.95	0.33	0.41	0.1	38
769-001-0055-01	3mm, 1 1-4, 8071#2-arg95-8071#4-arg95-IS20#6, ss, SDL>= 1"	0.082(#2) 0.082(#4)	0.95	0.30	0.37	0.1	36
769-001-0056-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-IS20#6, ss	0.082(#2)	1.11	0.39	0.47	0.1	38
769-001-0057-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-IS20#6, ss, Grids< 1"	0.082(#2)	1.11	0.35	0.42	0.1	36
769-001-0058-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-IS20#6, ss, Grids>= 1"	0.082(#2)	1.11	0.32	0.38	0.1	34
769-001-0059-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-IS20#6, ss, SDL< 1"	0.082(#2)	1.11	0.35	0.42	0.1	36
769-001-0060-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-IS20#6, ss, SDL>= 1"	0.082(#2)	1.11	0.32	0.38	0.1	34
769-001-0061-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ss	0.082(#2) 0.082(#5)	1.01	0.38	0.47	0.1	40
769-001-0062-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ss, Grids< 1"	0.082(#2) 0.082(#5)	1.01	0.35	0.42	0.1	38
769-001-0063-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ss, Grids>= 1"	0.082(#2) 0.082(#5)	1.01	0.32	0.38	0.1	36
769-001-0064-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ss, SDL< 1"	0.082(#2) 0.082(#5)	1.01	0.35	0.42	0.1	38
769-001-0065-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ss, SDL>= 1"	0.082(#2) 0.082(#5)	1.01	0.32	0.38	0.1	36

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (Metric)	SHGC(w)	Visible Transmittance (VT)	Air Leakage Average (L75)	Energy Rating
769-001-0066-01	3mm, 1 1-4, CG70#2-arg95-CG70#4-arg95-IS20#6, ss	0.025(#2) 0.025(#4)	0.90	0.17	0.33	0.1	30
769-001-0067-01	3mm, 1 1-4, CG70#2-arg95-CG70#4-arg95-IS20#6, ss, Grids< 1"	0.025(#2) 0.025(#4)	0.90	0.16	0.30	0.1	29
769-001-0068-01	3mm, 1 1-4, CG70#2-arg95-CG70#4-arg95-IS20#6, ss, Grids>= 1"	0.025(#2) 0.025(#4)	0.90	0.14	0.27	0.1	28
769-001-0069-01	3mm, 1 1-4, CG70#2-arg95-CG70#4-arg95-IS20#6, ss, SDL< 1"	0.025(#2) 0.025(#4)	0.90	0.16	0.30	0.1	29
769-001-0070-01	3mm, 1 1-4, CG70#2-arg95-CG70#4-arg95-IS20#6, ss, SDL>= 1"	0.025(#2) 0.025(#4)	0.90	0.14	0.27	0.1	28
769-001-0071-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-IS20#6, ss	0.025(#2)	1.07	0.21	0.40	0.1	28
769-001-0072-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-IS20#6, ss, Grids< 1"	0.025(#2)	1.07	0.19	0.36	0.1	27
769-001-0073-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-IS20#6, ss, Grids>= 1"	0.025(#2)	1.07	0.17	0.32	0.1	26
769-001-0074-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-IS20#6, ss, SDL< 1"	0.025(#2)	1.07	0.19	0.36	0.1	27
769-001-0075-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-IS20#6, ss, SDL>= 1"	0.025(#2)	1.07	0.17	0.32	0.1	26
769-001-0076-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ss	0.025(#2) 0.025(#5)	0.95	0.19	0.34	0.1	30
769-001-0077-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ss, Grids< 1"	0.025(#2) 0.025(#5)	0.95	0.17	0.31	0.1	29
769-001-0078-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ss, Grids>= 1"	0.025(#2) 0.025(#5)	0.95	0.16	0.28	0.1	28
769-001-0079-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ss, SDL< 1"	0.025(#2) 0.025(#5)	0.95	0.17	0.31	0.1	29
769-001-0080-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ss, SDL>= 1"	0.025(#2) 0.025(#5)	0.95	0.16	0.28	0.1	28
769-001-0081-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ss	0.025(#2)	1.17	0.21	0.41	0.1	26
769-001-0082-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ss, Grids< 1"	0.025(#2)	1.17	0.19	0.37	0.1	25
769-001-0083-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ss, Grids>= 1"	0.025(#2)	1.17	0.18	0.33	0.1	25
769-001-0084-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ss, SDL< 1"	0.025(#2)	1.17	0.19	0.37	0.1	25
769-001-0085-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ss, SDL>= 1"	0.025(#2)	1.17	0.18	0.33	0.1	25
769-001-0086-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ss	0.082(#5)	1.20	0.42	0.48	0.1	38
769-001-0087-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ss, Grids< 1"	0.082(#5)	1.20	0.38	0.43	0.1	35
769-001-0088-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ss, Grids>= 1"	0.082(#5)	1.20	0.34	0.39	0.1	33
769-001-0089-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ss, SDL< 1"	0.082(#5)	1.20	0.38	0.43	0.1	35
769-001-0090-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ss, SDL>= 1"	0.082(#5)	1.20	0.34	0.39	0.1	33

This certification represents product conformity to the applicable specification and that certification criteria has been satisfied. A NAMI approved certification label must be applied to the product to claim certification status. To affirm the certification status, please visit www.namicertification.com. NAMI is accredited to the ISO/IEC 17065 by the ANSI National Accreditation Board (ANAB) and the Standards Council of Canada (SCC).



Administrator's Signature:

A handwritten signature in black ink, appearing to be 'S.M.D.', written over a horizontal line.

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