

# Notice of Product Certification

**CERTIFICATION NO.:** 2133-004  
**INITIAL CERTIFICATION DATE:** September 26, 2023  
**REVISION DATE:** N/A  
**REPORT NUMBER:** TPE23008-6-C\_PRAW-a-25  
**SPECIFICATION:** CSA A440.2-22

**COMPANY:** Thermos Vision Inc.  
**CODE:** 2133-1  
**EXPIRATION DATE:** August 1, 2028  
**PRODUCT SIMULATED BY:** Veridis Solutions  
**AIR LEAKAGE REPORT NO.:** AI-03661-P1

**PRODUCT/SERIES NAME:** 4600 PVC (AWN)      **OPERATOR TYPE:** PRAW

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (Metric)	SHGC(w)	Visible Transmittance (VT)	Air Leakage Average (L75)	Energy Rating
2133-004-0001-01	3mm, 7-8, CG70#2-arg95-GCl, ms	0.025(#2)	1.47	0.23	0.45	0.1	21
2133-004-0002-01	3mm, 7-8, CG70#2-arg95-GCl, ms, Grids < 1"	0.025(#2)	1.47	0.21	0.41	0.1	20
2133-004-0003-01	3mm, 7-8, CG70#2-arg95-GCl, ms, Grids >= 1"	0.025(#2)	1.47	0.19	0.36	0.1	19
2133-004-0004-01	3mm, 7-8, CG70#2-arg95-GCl, ms, SDL < 1"	0.025(#2)	1.47	0.21	0.41	0.1	20
2133-004-0005-01	3mm, 7-8, CG70#2-arg95-GCl, ms, SDL >= 1"	0.025(#2)	1.47	0.19	0.36	0.1	19
2133-004-0006-01	3mm, 7-8, GCl-arg95-8071#3, ms	0.082(#3)	1.55	0.47	0.52	0.1	33
2133-004-0007-01	3mm, 7-8, GCl-arg95-8071#3, ms, Grids < 1"	0.082(#3)	1.55	0.42	0.47	0.1	30
2133-004-0008-01	3mm, 7-8, GCl-arg95-8071#3, ms, Grids >= 1"	0.082(#3)	1.55	0.38	0.42	0.1	28
2133-004-0009-01	3mm, 7-8, GCl-arg95-8071#3, ms, SDL < 1"	0.082(#3)	1.55	0.42	0.47	0.1	30
2133-004-0010-01	3mm, 7-8, GCl-arg95-8071#3, ms, SDL >= 1"	0.082(#3)	1.55	0.38	0.42	0.1	28
2133-004-0011-01	3mm, 7-8, GUCI-arg95-8071#3, ms	0.082(#3)	1.55	0.49	0.53	0.1	34
2133-004-0012-01	3mm, 7-8, GUCI-arg95-8071#3, ms, Grids < 1"	0.082(#3)	1.55	0.44	0.48	0.1	31
2133-004-0013-01	3mm, 7-8, GUCI-arg95-8071#3, ms, Grids >= 1"	0.082(#3)	1.55	0.40	0.43	0.1	29
2133-004-0014-01	3mm, 7-8, GUCI-arg95-8071#3, ms, SDL < 1"	0.082(#3)	1.55	0.44	0.48	0.1	31
2133-004-0015-01	3mm, 7-8, GUCI-arg95-8071#3, ms, SDL >= 1"	0.082(#3)	1.55	0.40	0.43	0.1	29
2133-004-0016-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ms	0.082(#2) 0.082(#5)	1.05	0.38	0.47	0.1	39
2133-004-0017-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ms, Grids < 1"	0.082(#2) 0.082(#5)	1.05	0.35	0.42	0.1	37
2133-004-0018-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ms, Grids >= 1"	0.082(#2) 0.082(#5)	1.05	0.32	0.38	0.1	35
2133-004-0019-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ms, SDL < 1"	0.082(#2) 0.082(#5)	1.05	0.35	0.42	0.1	37
2133-004-0020-01	3mm, 1 1-4, 8071#2-arg95-GCl-arg95-8071#5, ms, SDL >= 1"	0.082(#2) 0.082(#5)	1.05	0.32	0.38	0.1	35
2133-004-0021-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ms	0.025(#2) 0.025(#5)	0.99	0.19	0.34	0.1	29
2133-004-0022-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ms, Grids < 1"	0.025(#2) 0.025(#5)	0.99	0.17	0.31	0.1	28
2133-004-0023-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ms, Grids >= 1"	0.025(#2) 0.025(#5)	0.99	0.16	0.28	0.1	27
2133-004-0024-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ms, SDL < 1"	0.025(#2) 0.025(#5)	0.99	0.17	0.31	0.1	28
2133-004-0025-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-CG70#5, ms, SDL >= 1"	0.025(#2) 0.025(#5)	0.99	0.16	0.28	0.1	27

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (Metric)	SHGC(w)	Visible Transmittance (VT)	Air Leakage Average (L75)	Energy Rating
2133-004-0026-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ms	0.025(#2)	1.20	0.21	0.41	0.1	26
2133-004-0027-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ms, Grids < 1"	0.025(#2)	1.20	0.19	0.37	0.1	24
2133-004-0028-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ms, Grids >= 1"	0.025(#2)	1.20	0.18	0.33	0.1	24
2133-004-0029-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ms, SDL < 1"	0.025(#2)	1.20	0.19	0.37	0.1	24
2133-004-0030-01	3mm, 1 1-4, CG70#2-arg95-GCl-arg95-GCl, ms, SDL >= 1"	0.025(#2)	1.20	0.18	0.33	0.1	24
2133-004-0031-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ms	0.082(#5)	1.24	0.42	0.48	0.1	37
2133-004-0032-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ms, Grids < 1"	0.082(#5)	1.24	0.38	0.43	0.1	35
2133-004-0033-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ms, Grids >= 1"	0.082(#5)	1.24	0.34	0.39	0.1	32
2133-004-0034-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ms, SDL < 1"	0.082(#5)	1.24	0.38	0.43	0.1	35
2133-004-0035-01	3mm, 1 1-4, GCl-arg95-GCl-arg95-8071#5, ms, SDL >= 1"	0.082(#5)	1.24	0.34	0.39	0.1	32
2133-004-0036-01	3mm, 7-8, GCl-arg95-8071#3, sp	0.082(#3)	1.50	0.47	0.52	0.1	34
2133-004-0037-01	3mm, 7-8, GCl-arg95-8071#3, sp, Grids < 1"	0.082(#3)	1.50	0.42	0.47	0.1	31
2133-004-0038-01	3mm, 7-8, GCl-arg95-8071#3, sp, Grids >= 1"	0.082(#3)	1.50	0.38	0.42	0.1	29
2133-004-0039-01	3mm, 7-8, GCl-arg95-8071#3, sp, SDL < 1"	0.082(#3)	1.50	0.42	0.47	0.1	31
2133-004-0040-01	3mm, 7-8, GCl-arg95-8071#3, sp, SDL >= 1"	0.082(#3)	1.50	0.38	0.42	0.1	29
2133-004-0041-01	3mm, 7-8, GUCI-arg95-8071#3, sp	0.082(#3)	1.50	0.49	0.53	0.1	35
2133-004-0042-01	3mm, 7-8, GUCI-arg95-8071#3, sp, Grids < 1"	0.082(#3)	1.50	0.44	0.48	0.1	32
2133-004-0043-01	3mm, 7-8, GUCI-arg95-8071#3, sp, Grids >= 1"	0.082(#3)	1.50	0.40	0.43	0.1	30
2133-004-0044-01	3mm, 7-8, GUCI-arg95-8071#3, sp, SDL < 1"	0.082(#3)	1.50	0.44	0.48	0.1	32
2133-004-0045-01	3mm, 7-8, GUCI-arg95-8071#3, sp, SDL >= 1"	0.082(#3)	1.50	0.40	0.43	0.1	30
2133-004-0046-01	3mm, 1 1-4, GCl-arg95-8071#3-arg95-8071#5, ms	0.082(#3) 0.082(#5)	1.05	0.40	0.47	0.1	40
2133-004-0047-01	3mm, 1 1-4, GCl-arg95-8071#3-arg95-8071#5, ms, Grids < 1"	0.082(#3) 0.082(#5)	1.05	0.37	0.42	0.1	38
2133-004-0048-01	3mm, 1 1-4, GCl-arg95-8071#3-arg95-8071#5, ms, Grids >= 1"	0.082(#3) 0.082(#5)	1.05	0.33	0.38	0.1	36
2133-004-0049-01	3mm, 1 1-4, GCl-arg95-8071#3-arg95-8071#5, ms, SDL < 1"	0.082(#3) 0.082(#5)	1.05	0.37	0.42	0.1	38
2133-004-0050-01	3mm, 1 1-4, GCl-arg95-8071#3-arg95-8071#5, ms, SDL >= 1"	0.082(#3) 0.082(#5)	1.05	0.33	0.38	0.1	36

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](http://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. D.', written over a horizontal line.

National Accreditation & Management Institute, Inc.  
 4794 George Washington Memorial Hwy.  
 Hayes, VA 23072  
 Tel.: (804) 684-5124  
 nami@namiinc.com  
 namicertification.com