

Notice of Product Certification

CERTIFICATION NO.: 1591-002
INITIAL CERTIFICATION DATE: July 19, 2023
REVISION DATE: N/A
REPORT NUMBER: TPE23006-3-C_DATT-a
SPECIFICATION: CSA A440.2-22

COMPANY: Fennergic, Inc.
CODE: 1591-1
EXPIRATION DATE: May 30, 2028
PRODUCT SIMULATED BY: Veridis Solutions
AIR LEAKAGE REPORT NO.: NCTL-110-18391-1

PRODUCT/SERIES NAME: Marquise 1.0 Tilt & Turn **OPERATOR TYPE:** DATT

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (Metric)	SHGC(w)	Visible Transmittance (VT)	Air Leakage Average (L75)	Energy Rating
1591-002-0001-01	HYB_3mm_1_PCI-arg95-8071, st	0.082(#3)	1.56	0.48	0.53	0.1	33
1591-002-0002-01	HYB_3mm_1_PCI-arg95-8071, st, Grids<1"	0.082(#3)	1.56	0.43	0.47	0.1	30
1591-002-0003-01	HYB_3mm_1_PCI-arg95-8071, st, Grids>1"	0.082(#3)	1.56	0.38	0.41	0.1	28
1591-002-0004-01	HYB_3mm_1_UCI-arg95-8071, st	0.082(#3)	1.56	0.50	0.54	0.1	35
1591-002-0005-01	HYB_3mm_1_UCI-arg95-8071, st, Grids<1"	0.082(#3)	1.56	0.44	0.47	0.1	31
1591-002-0006-01	HYB_3mm_1_UCI-arg95-8071, st, Grids>1"	0.082(#3)	1.56	0.39	0.41	0.1	28
1591-002-0007-01	HYB_3mm_1_PCI-arg95-CG70, st	0.025(#3)	1.48	0.29	0.46	0.1	24
1591-002-0008-01	HYB_3mm_1_PCI-arg95-CG70, st, Grids<1"	0.025(#3)	1.48	0.26	0.40	0.1	22
1591-002-0009-01	HYB_3mm_1_PCI-arg95-CG70, st, Grids>1"	0.025(#3)	1.48	0.23	0.35	0.1	21
1591-002-0010-01	HYB_3mm_1_3_8_PCI-arg95-PCI-arg95-8071, st	0.082(#5)	1.21	0.44	0.49	0.1	39
1591-002-0011-01	HYB_3mm_1_3_8_PCI-arg95-PCI-arg95-8071, st, Grids<1"	0.082(#5)	1.21	0.39	0.43	0.1	36
1591-002-0012-01	HYB_3mm_1_3_8_PCI-arg95-PCI-arg95-8071, st, Grids>1"	0.082(#5)	1.21	0.34	0.38	0.1	33
1591-002-0013-01	HYB_3mm_1_3_8_8071-arg95-PCI-arg95-8071, st	0.082(#2, #5)	1.02	0.39	0.47	0.1	40
1591-002-0014-01	HYB_3mm_1_3_8_8071-arg95-PCI-arg95-8071, st, Grids<1"	0.082(#2, #5)	1.02	0.35	0.42	0.1	38
1591-002-0015-01	HYB_3mm_1_3_8_8071-arg95-PCI-arg95-8071, st, Grids>1"	0.082(#2, #5)	1.02	0.31	0.37	0.1	35
1591-002-0016-01	HYB_3mm_1_3_8_PCI-arg95-PCI-arg95-CG70, st	0.025(#5)	1.16	0.27	0.42	0.1	30
1591-002-0017-01	HYB_3mm_1_3_8_PCI-arg95-PCI-arg95-CG70, st, Grids<1"	0.025(#5)	1.16	0.24	0.37	0.1	28
1591-002-0018-01	HYB_3mm_1_3_8_PCI-arg95-PCI-arg95-CG70, st, Grids>1"	0.025(#5)	1.16	0.22	0.32	0.1	27
1591-002-0019-01	HYB_3mm_1_3_8_CG70-arg95-PCI-arg95-CG70, st	0.025(#2, #5)	0.96	0.19	0.35	0.1	30
1591-002-0020-01	HYB_3mm_1_3_8_CG70-arg95-PCI-arg95-CG70, st, Grids<1"	0.025(#2, #5)	0.96	0.17	0.31	0.1	29
1591-002-0021-01	HYB_3mm_1_3_8_CG70-arg95-PCI-arg95-CG70, st, Grids>1"	0.025(#2, #5)	0.96	0.16	0.27	0.1	28
1591-002-0022-01	HYB_3mm_1_PCI-arg95-8071, ms	0.082(#3)	1.52	0.48	0.53	0.1	34
1591-002-0023-01	HYB_3mm_1_PCI-arg95-8071, ms, Grids<1"	0.082(#3)	1.52	0.43	0.47	0.1	31
1591-002-0024-01	HYB_3mm_1_PCI-arg95-8071, ms, Grids>1"	0.082(#3)	1.52	0.38	0.41	0.1	28
1591-002-0025-01	HYB_3mm_1_UCI-arg95-8071, ms	0.082(#3)	1.52	0.50	0.54	0.1	35

Product Number	Manufacturer Product Code	Emissivity (Surface #)	U-Factor (Metric)	SHGC(w)	Visible Transmittance (VT)	Air Leakage Average (L75)	Energy Rating
1591-002-0026-01	HYB_3mm_1_UCI-arg95-8071, ms, Grids<1"	0.082(#3)	1.52	0.44	0.47	0.1	32
1591-002-0027-01	HYB_3mm_1_UCI-arg95-8071, ms, Grids>1"	0.082(#3)	1.52	0.39	0.41	0.1	29
1591-002-0028-01	HYB_3mm_1_PCI-arg95-CG70, ms	0.025(#3)	1.44	0.29	0.46	0.1	25
1591-002-0029-01	HYB_3mm_1_PCI-arg95-CG70, ms, Grids<1"	0.025(#3)	1.44	0.26	0.40	0.1	23
1591-002-0030-01	HYB_3mm_1_PCI-arg95-CG70, ms, Grids>1"	0.025(#3)	1.44	0.23	0.35	0.1	22
1591-002-0031-01	HYB_3mm_1 3_8_PCI-arg95-PCI-arg95-8071, ms	0.082(#5)	1.17	0.44	0.49	0.1	40
1591-002-0032-01	HYB_3mm_1 3_8_PCI-arg95-PCI-arg95-8071, ms, Grids<1"	0.082(#5)	1.17	0.39	0.43	0.1	37
1591-002-0033-01	HYB_3mm_1 3_8_PCI-arg95-PCI-arg95-8071, ms, Grids>1"	0.082(#5)	1.17	0.34	0.38	0.1	34
1591-002-0034-01	HYB_3mm_1 3_8_8071-arg95-PCI-arg95-8071, ms	0.082(#2, #5)	0.98	0.39	0.47	0.1	41
1591-002-0035-01	HYB_3mm_1 3_8_8071-arg95-PCI-arg95-8071, ms, Grids<1"	0.082(#2, #5)	0.98	0.35	0.42	0.1	39
1591-002-0036-01	HYB_3mm_1 3_8_8071-arg95-PCI-arg95-8071, ms, Grids>1"	0.082(#2, #5)	0.98	0.31	0.37	0.1	36
1591-002-0037-01	HYB_3mm_1 3_8_PCI-arg95-PCI-arg95-CG70, ms	0.025(#5)	1.12	0.27	0.42	0.1	31
1591-002-0038-01	HYB_3mm_1 3_8_PCI-arg95-PCI-arg95-CG70, ms, Grids<1"	0.025(#5)	1.12	0.24	0.37	0.1	29
1591-002-0039-01	HYB_3mm_1 3_8_PCI-arg95-PCI-arg95-CG70, ms, Grids>1"	0.025(#5)	1.12	0.22	0.32	0.1	28
1591-002-0040-01	HYB_3mm_1 3_8_CG70-arg95-PCI-arg95-CG70, ms	0.025(#2, #5)	0.91	0.19	0.35	0.1	31
1591-002-0041-01	HYB_3mm_1 3_8_CG70-arg95-PCI-arg95-CG70, ms, Grids<1"	0.025(#2, #5)	0.91	0.17	0.31	0.1	30
1591-002-0042-01	HYB_3mm_1 3_8_CG70-arg95-PCI-arg95-CG70, ms, Grids>1"	0.025(#2, #5)	0.91	0.16	0.27	0.1	29
1591-002-0043-01	PVC_3mm_1_PCI-arg95-8071, st	0.082(#3)	1.56	0.48	0.53	0.1	33
1591-002-0044-01	PVC_3mm_1_PCI-arg95-8071, st, Grids<1"	0.082(#3)	1.56	0.43	0.47	0.1	30
1591-002-0045-01	PVC_3mm_1_PCI-arg95-8071, st, Grids>1"	0.082(#3)	1.56	0.38	0.41	0.1	28
1591-002-0046-01	PVC_3mm_1_UCI-arg95-8071, st	0.082(#3)	1.56	0.50	0.54	0.1	35
1591-002-0047-01	PVC_3mm_1_UCI-arg95-8071, st, Grids<1"	0.082(#3)	1.56	0.44	0.47	0.1	31
1591-002-0048-01	PVC_3mm_1_UCI-arg95-8071, st, Grids>1"	0.082(#3)	1.56	0.39	0.41	0.1	28
1591-002-0049-01	PVC_3mm_1_PCI-arg95-CG70, st	0.025(#3)	1.48	0.29	0.46	0.1	24
1591-002-0050-01	PVC_3mm_1_PCI-arg95-CG70, st, Grids<1"	0.025(#3)	1.48	0.26	0.40	0.1	22
1591-002-0051-01	PVC_3mm_1_PCI-arg95-CG70, st, Grids>1"	0.025(#3)	1.48	0.23	0.35	0.1	21
1591-002-0052-01	PVC_3mm_1 3_8_PCI-arg95-PCI-arg95-8071, st	0.082(#5)	1.21	0.44	0.49	0.1	39
1591-002-0053-01	PVC_3mm_1 3_8_PCI-arg95-PCI-arg95-8071, st, Grids<1"	0.082(#5)	1.21	0.39	0.43	0.1	36
1591-002-0054-01	PVC_3mm_1 3_8_PCI-arg95-PCI-arg95-8071, st, Grids>1"	0.082(#5)	1.21	0.34	0.38	0.1	33
1591-002-0055-01	PVC_3mm_1 3_8_8071-arg95-PCI-arg95-8071, st	0.082(#2, #5)	1.02	0.39	0.47	0.1	40
1591-002-0056-01	PVC_3mm_1 3_8_8071-arg95-PCI-arg95-8071, st, Grids<1"	0.082(#2, #5)	1.02	0.35	0.42	0.1	38
1591-002-0057-01	PVC_3mm_1 3_8_8071-arg95-PCI-arg95-8071, st, Grids>1"	0.082(#2, #5)	1.02	0.31	0.37	0.1	35
1591-002-0058-01	PVC_3mm_1 3_8_PCI-arg95-PCI-arg95-CG70, st	0.025(#5)	1.16	0.27	0.42	0.1	30
1591-002-0059-01	PVC_3mm_1 3_8_PCI-arg95-PCI-arg95-CG70, st, Grids<1"	0.025(#5)	1.16	0.24	0.37	0.1	28
1591-002-0060-01	PVC_3mm_1 3_8_PCI-arg95-PCI-arg95-CG70, st, Grids>1"	0.025(#5)	1.16	0.22	0.32	0.1	27
1591-002-0061-01	PVC_3mm_1 3_8_CG70-arg95-PCI-arg95-CG70, st	0.025(#2, #5)	0.96	0.19	0.35	0.1	30
1591-002-0062-01	PVC_3mm_1 3_8_CG70-arg95-PCI-arg95-CG70, st, Grids<1"	0.025(#2, #5)	0.96	0.17	0.31	0.1	29
1591-002-0063-01	PVC_3mm_1 3_8_CG70-arg95-PCI-arg95-CG70, st, Grids>1"	0.025(#2, #5)	0.96	0.16	0.27	0.1	28
1591-002-0064-01	PVC_3mm_1_PCI-arg95-8071, ms	0.082(#3)	1.52	0.48	0.53	0.1	34
1591-002-0065-01	PVC_3mm_1_PCI-arg95-8071, ms, Grids<1"	0.082(#3)	1.52	0.43	0.47	0.1	31

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1591-002-0066-01	PVC_3mm_1_PCl-arg95-8071, ms, Grids>1"	0.082(#3)	1.52	0.38	0.41	0.1	28
1591-002-0067-01	PVC_3mm_1_UCI-arg95-8071, ms	0.082(#3)	1.52	0.50	0.54	0.1	35
1591-002-0068-01	PVC_3mm_1_UCI-arg95-8071, ms, Grids<1"	0.082(#3)	1.52	0.44	0.47	0.1	32
1591-002-0069-01	PVC_3mm_1_UCI-arg95-8071, ms, Grids>1"	0.082(#3)	1.52	0.39	0.41	0.1	29
1591-002-0070-01	PVC_3mm_1_PCl-arg95-CG70, ms	0.025(#3)	1.44	0.29	0.46	0.1	25
1591-002-0071-01	PVC_3mm_1_PCl-arg95-CG70, ms, Grids<1"	0.025(#3)	1.44	0.26	0.40	0.1	23
1591-002-0072-01	PVC_3mm_1_PCl-arg95-CG70, ms, Grids>1"	0.025(#3)	1.44	0.23	0.35	0.1	22
1591-002-0073-01	PVC_3mm_1 3_8_PCl-arg95-PCI-arg95-8071, ms	0.082(#5)	1.17	0.44	0.49	0.1	40
1591-002-0074-01	PVC_3mm_1 3_8_PCl-arg95-PCI-arg95-8071, ms, Grids<1"	0.082(#5)	1.17	0.39	0.43	0.1	37
1591-002-0075-01	PVC_3mm_1 3_8_PCl-arg95-PCI-arg95-8071, ms, Grids>1"	0.082(#5)	1.17	0.34	0.38	0.1	34
1591-002-0076-01	PVC_3mm_1 3_8_8071-arg95-PCI-arg95-8071, ms	0.082(#2, #5)	0.98	0.39	0.47	0.1	41
1591-002-0077-01	PVC_3mm_1 3_8_8071-arg95-PCI-arg95-8071, ms, Grids<1"	0.082(#2, #5)	0.98	0.35	0.42	0.1	39
1591-002-0078-01	PVC_3mm_1 3_8_8071-arg95-PCI-arg95-8071, ms, Grids>1"	0.082(#2, #5)	0.98	0.31	0.37	0.1	36
1591-002-0079-01	PVC_3mm_1 3_8_PCl-arg95-PCI-arg95-CG70, ms	0.025(#5)	1.12	0.27	0.42	0.1	31
1591-002-0080-01	PVC_3mm_1 3_8_PCl-arg95-PCI-arg95-CG70, ms, Grids<1"	0.025(#5)	1.12	0.24	0.37	0.1	29
1591-002-0081-01	PVC_3mm_1 3_8_PCl-arg95-PCI-arg95-CG70, ms, Grids>1"	0.025(#5)	1.12	0.22	0.32	0.1	28
1591-002-0082-01	PVC_3mm_1 3_8_CG70-arg95-PCI-arg95-CG70, ms	0.025(#2, #5)	0.91	0.19	0.35	0.1	31
1591-002-0083-01	PVC_3mm_1 3_8_CG70-arg95-PCI-arg95-CG70, ms, Grids<1"	0.025(#2, #5)	0.91	0.17	0.31	0.1	30
1591-002-0084-01	PVC_3mm_1 3_8_CG70-arg95-PCI-arg95-CG70, ms, Grids>1"	0.025(#2, #5)	0.91	0.16	0.27	0.1	29

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 "Shirley".

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