

EQUIVALENCY EVALUATION REPORT	
Project No.: ACE-2026-139	Report No.: ACE-EER-1198, Rev. 0

Product Description: Solatube Solar Attic Fan - Low & High-Profile Roof Fan

Product Manufacturer: Solatube International, Inc., 2210 Oak Ridge Way, Vista, CA 92081

Code Compliance Statement: This report evaluates the product(s) listed above to the requirements of FAC Product Approval Rule 61G20-3.005. This product complies with the requirements of the 8th Edition (2023) Florida Building Code excluding the High Velocity Hurricane Zone (HVHZ) per the product testing standards listed below.

Compliance Method: Product Approval Rule 61G20-3.015(4)(d) – Equivalency of Standards

Documentation:

1. Drawings
 - a. SOLA0003, Revision F, dated 5/20/26, *Solatube Solar Attic Fan - Low & High-Profile Roof Fan – Installation Anchorage Details.*
2. Testing
 - a. Architectural Testing Inc. Test Report No. 95385.01-301-44, dated 12/10/09, *Solatube Solar Attic Fan Solar Powered Attic Fan testing to ASTM E330.*
 - b. SGS U.S. Testing Company Inc., Test Report No. 2228540-3, dated 12/1/10, *Solatube Solar Attic Fan Solar Powered Attic Fan testing to ASTM D1929.*
 - c. SGS U.S. Testing Company Inc., Test Report No. 2228540-1, dated 12/1/10, *Solatube Solar Attic Fan Solar Powered Attic Fan testing to ASTM E84.*
 - d. SGS U.S. Testing Company Inc., Test Report No. 2228540-2, dated 12/6/10, *Solatube Solar Attic Fan Solar Powered Attic Fan testing to ASTM D635.*
3. Reports
 - a. ACE-CALC-1198, Rev. 0, Solatube Solar Attic Fan Solar Powered Attic Fan - Anchorage Engineering, signed and sealed by Robert J. Amoruso, P.E.
 - b. ACE-CEAR-1198, Rev. 0, Solatube Solar Attic Fan Solar Powered Attic Fan – Comparative Evaluation and Analysis, signed and sealed by Robert J. Amoruso, P.E.
4. 8th Edition (2023) Florida Building Code – Building Volume
 - a. Section 1609, Wind Loads
 - b. Section 1709, Preconstruction Load Tests
 - c. Section 2605.2(1), Plastic Veneer / Exterior use
 - d. Section 2606, Light-Transmitting Plastics
 - e. Section 2606.4, Light-Transmitting Plastics / Specifications

Performance and Testing Standards:

- 1) ASTM E 330 – 02, *Standard Test Method for Structural Performance by Uniform Static Air Pressure Difference*

- 2) ASTM D 1929 - 96(2001)e1, *Standard Test Method for Determining Ignition Temperature of Plastics*
- 3) ASTM E 84 - 09a, *Standard Test Method for Surface Burning Characteristics of Building Materials*
- 4) ASTM D 635 - 06, *Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position*

Equivalency Evaluation – Structural and Plastics Testing:

The changes in revision level of the ASTM Standard Test Methods and Practices as part of the 8th Edition (2023) FBC/FRC have been reviewed and found not to affect the method of testing, acceptance criteria, or reporting criteria in such a manner as to result in any change in the performance of the product. As such, test results obtained from testing to these standards are valid for demonstrating compliance to the 8th Edition (2023) FBC/FRC. The following table compares the revision levels of the Standards used in testing vs. those required by the 8th Edition (2023) FBC/FRC. It has been determined that Standards used in testing are equivalent to those in the 8th Edition (2023) FBC/FRC in accordance with Product Approval Rule 61G20-3.015(4)(d) – Equivalence of Standards.

FL10884/SOLA0003		Revision Level of Standard used in Testing	Florida Building Code - ASTM Revision Levels	
PLASTICS TESTING			8th Edition (2023) Code	
Test Report No.	Document		FBC	FRC
95385.01-301-44	ASTM E330	02	14	14
2228540-3	ASTM D1929	96(2001)e1	16	n/a
2228540-2	ASTM D635	06	14	n/a
2228540-1	ASTM E84	09a	18b	18b

Certificate of Independence per Product Approval Rule 61G20-3.009

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Robert J. Amoruso, P.E., does not have, nor will he acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.



Digitally signed
by Robert J
Amoruso
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Evaluated by:
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