

Product Evaluation Report

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Manufacturer

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

Product Series, Model and/or Description

HSE Fixed Series Curb Mount Skylight
HSE Operable Series Curb Mount Skylight

Code:

- Current Edition of the Florida Building Code including the 7th Edition (2020) Florida Building Code

Compliance Methods:

- Product Approval Rule 61G20-3.005(2)(b) – Product Evaluation Report by a Licensed Professional Engineer

Product Installation Instructions:

- SOLA0014, First Issue, dated 4/6/20, signed and sealed by Robert J. Amoruso, Solatube International HSE Fixed Series Curb Mount Skylight, Installation Anchorage Details
- SOLA0015, First Issue, dated 4/6/20, signed and sealed by Robert J. Amoruso, Solatube International HSE Operable Series Curb Mount Skylight, Installation Anchorage Details

Engineering Analysis & Product Evaluation: The following engineering and/or rational analysis/calculations have been performed.

- Report K6544.01-122-34, Glazing and Fastener Analysis by Daniel C. Culbert, P.E., FL No. 83035, dated 3/6/20, Architectural Testing, Inc., 130 Derry Court, York, Pennsylvania 17406

Performance Testing Standards:

- AAMA/WDMA/CSA 101/I.S.2/A440-08
- AAMA/WDMA/CSA 101/I.S.2/A440-11

Product Testing:

- Intertek Report No.: K6415.01-303-44, dated 02/14/20, Air / Water / Structural Testing on a Curb Mount Fixed and Operable Skylight, Glass Glazed Skylight.

Material Certifications/Component Approvals:

- Laminated IGU interlayer: Saflex Clear - Polyvinyl Butyral (PVB) by Eastman Chemical per the latest Miami-Dade Notice of Acceptance (Noa). Current Eastman Chemical NOA can be found [here](#).

Limitations & Conditions of Use:

- HSE Fixed Series Curb Mount Skylight shown on SOLA0014
 - This product has not been evaluated for use inside the HVHZ (High Velocity Hurricane Zone)
 - This product is not Impact Resistance. Therefore, a protective impact-rated device is required when used in wind borne debris regions.
- HSE Operable Series Curb Mount Skylight shown on SOLA0015
 - This product has not been evaluated for use inside the HVHZ (High Velocity Hurricane Zone)



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- This product is not Impact Resistance. Therefore, a protective impact-rated device is required when used in a wind-borne debris region.
- Refer to Product Installation Instructions noted above for:
 - Maximum allowable wind loads at related maximum allowable size(s).
 - Overall dimensions and material/grade of main product components, accessories, etc.
 - Illustrated diagrams of the attachment of the product to the structure.
 - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations.
- Site wind pressures shall be determined by a licensed professional engineer in accordance with the current edition of the Florida Building Code (and/or ASCE 7 as referenced in the current edition of the Florida Building Code) for components and cladding based on allowable stress design.
- Site conditions not covered in this product evaluation document are subject to additional engineering analysis by a licensed professional engineer or registered architect as required by the authority having jurisdiction.
- Adequacy of the existing structural substrates as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the licensed professional engineer or registered architect acting as the design professional of record for the project of installation.

Certificate of Independence per Product Approval Rule 61G20-3.009

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. does not have, nor will acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report. PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do not have, nor will 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.

Evaluated by:
Robert J. Amoruso, P.E.
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