
EQUIVALENCY EVALUATION REPORT	
Project No.: ACE-2025-141	Report No.: ACE-EER-1092, Rev. 1

Product Manufacturer:

Amrize Building Envelope, LLC
26 Century Blvd, Suite 205
Nashville, TN 37214

Product Name/Series/Description: Series Sunwave Daylight System Curb-Mounted Skylight

Code: Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code

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

Performance Testing Standards:

- TAS201-94, Impact Test Procedures.
- TAS202-94, Criteria for Testing Impact & Non-Impact Resistant Building Envelope Components Using Uniform Static Air Pressure.
- TAS203-94, Criteria for Testing Products Subjected to Cyclic Wind Pressure Loading.

Product Testing:

- Intertek/Architectural Testing, Inc. Test Report No. E9429.01-301-18, dated 8/20/15, *TAS 201-94, TAS 202-94 and TAS 203-94 testing for SERIES/MODEL: 800MD Signature Double Dome, PRODUCT TYPE: Curb-Mount Aluminum Frame Plastic Glazed Fixed Skylight.*
 - Margin of Safety = 3 applied for positive load and 2 for negative load to Structural Design Pressure per FBC and MD FAQ
(<http://www.miamidade.gov/building/products/skylights.asp>).

Material Certifications:

- Glazing
 - EXTERIOR 0.230" THICK BEFORE FORMING PLASKOLITE, LLC TUFFAK POLYCARBONATE SHEETS PER LATEST MD NOTICE OF ACCEPTANCE (NOA) found [here](#).
 - INTERIOR 0.120" THICK BEFORE FORMING PLASKOLITE, LLC OPTIX ACRYLIC SHEETS PER LATEST MD NOTICE OF ACCEPTANCE (NOA) found [here](#).

- Foam Insulation
 - Insulfoam Expanded Polystyrene Preformed Block Type I Insulation by Insulfoam, a div. of Carlisle Construction Materials, LLC per latest MD Notice of Acceptance (NOA) found [here](#).
 - FLAME SPREAD INDEX, ASTM E-84, FSI = 55 < 75 required by the current edition of the Florida Building Code including HVHZ requirements.
 - SMOKE DEVELOPMENT INDEX, ASTM E-84, SDI = 450 ≤ 450 required by the current edition of the Florida Building Code including HVHZ requirements.
 - SELF IGNITION TEMPERATURE, ASTM D-1929, SIT = 950 °F > 650 °F required by the current edition of the Florida Building Code including HVHZ requirements.

Performance Testing Equivalency Evaluation per Product Approval Rule 61G20-3.015(4)(d):

The table below equates performance testing standard revision levels and compares them to the revision level in the 2023 FBC – Test Protocols.

HVHZ Testing	
Standard Used in Testing	Standard as Listed in 2023 FBC – Test Protocols
TAS 201-1994	TAS 201-1994
TAS 202-1994	TAS 202-1994
TAS 203-1994	TAS 203-1994

Based upon my review of the test reports, test methods and results as well as the standards used in testing and those currently required in the Florida Building, Residential Code and HVHZ Testing Protocols, the following is concluded.

- The testing requirements in the current edition of the Florida Building Code – Testing Protocols TAS 201, TAS 202 and TAS 203 have been met.

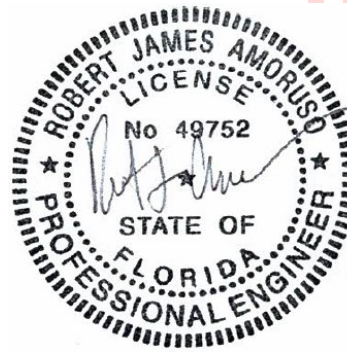
The current Miami-Dade Notice of Acceptance for Plaskolite, LLC TUFFAK Polycarbonate Sheets and OPTIX Acrylic Sheets material certification was reviewed and found to be in compliance with the 8th Edition (2023) FBC/FRC. NOA can be found [here](#).

The current Miami-Dade Notice of Acceptance for Insulfoam Expanded Polystyrene Preformed Block Type I Insulation material certification was reviewed and found to be in compliance with the 8th Edition (2023) FBC/FRC. NOA can be found [here](#).

**Certificate of Independence per Product
Approval Rule 61G20-3.009**

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.

Robert J. Amoruso, P.E. does 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.



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