

Equivalency Evaluation Report

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Manufacturer

Sunoptics, Inc
20215 Rifle Range Road
Tallassee, AL 36078

Product Series, Model and/or Description

SunOptics Prismatic Skylights – Model 800MD
Signature Curb Mounted Skylight

Code: Current Edition of the Florida Building Code including the 9th Edition (2026) Florida Building Code

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

Performance Testing Standards: All performance standards listed below were used in testing.

- 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.

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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 2026 FBC – Test Protocols.

HVHZ Testing	
Standard Used in Testing	Standard as Listed in 2026 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 material certification was reviewed and found to be in compliance with the current edition FBC/FRC. NOA can be found [here](#).

The current Miami-Dade Notice of Acceptance for Plaskolite, LLC Optix Acrylic Sheets material certification was reviewed and found to be in compliance with the current edition 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 current edition 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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