



398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

Product Evaluation Report

of

**Oldcastle BuildingEnvelope™
BMS-3000 Stormmax® Skylight
(HVHZ) (Impact)**

for

Florida Product Approval

FL# FL17669

Report No. 8595

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Sky Lights
Sub – Category:	Skylight
Product:	BMS-3000 Stormmax® Skylight
Materials:	Aluminum 6063-T6
Product Dimensions:	See Installation Instructions, OBE006

Prepared for:

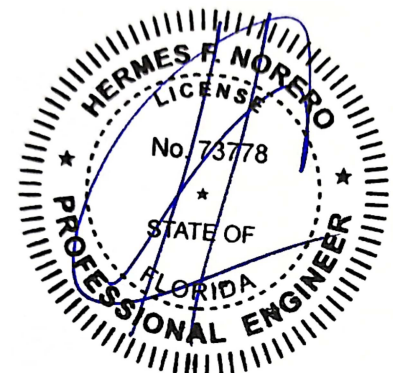
**Oldcastle BuildingEnvelope™
8655 Elm Fair Blvd
Tampa, FL 33610**

Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 06/12/2023

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Hermes F. Norero, P.E.
Florida No. 73778

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Manufacturer: Oldcastle BuildingEnvelope™
Product Category: Sky Lights
Product Sub-Category: Skylight
Compliance Method: State Product Approval Method (1)(d)
Product Name: BMS-3000 Stormmax® Skylight (HVHZ) (Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Oldcastle BuildingEnvelope™** based on Method 1d of the State of Florida Product Approval, Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the current Florida Building Code.

See Installation Instructions **OBE006**, signed and sealed by Hermes F. Norero, P.E. (FL # 73778) for specific use parameters.

Limits of Use:

1. This product has been evaluated and is in compliance with the current Florida Building Code, **including** the “High Velocity Hurricane Zone” (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Chapter 16 of the current Florida Building Code and **does not require** an impact resistant covering.
4. Site conditions that deviate from the details of installation instructions **OBE006** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **OBE006** for size and design pressure limitations.

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Quality Assurance: The manufacturer has demonstrated compliance of manufacture of products in accordance with the current Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Architectural Testing, Inc., an Intertek Company.** (FBC Organization # QUA1844)

Performance Standards: The product described herein has been evaluated per:

- ASTM E283-04(12)
- ASTM E330-14
- ASTM E331-00(09)
- ASTM E1886-13a
- ASTM E1996-17
- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc. (an Intertek company) - West Palm Beach, FL**
(FBC Organization # TST1527)
Report #: 0142-0202-99, Report Date: 05/13/99
Report Signed and Sealed by Timothy S. Marshall, FL PE No. 41992
2. Product Testing performed by **Construction Consulting Laboratory**
(FBC Organization # TST1685)
Report #: CCLI-13-134, Report Date: 11/29/13
Report Signed and Sealed by Abdol Rezadad, FL PE No. 52849

Report #: CCLI-13-135, Report Date: 10/24/13
3. Product Testing performed by **Architectural Testing, Inc. (an Intertek company) - Plano, TX**
Report #: P8544.01-801-44, Report Date: 06/14/23
Report #: P8546.01-801-44, Report Date: 06/14/23
Reports Signed and Sealed by Tyler Westerling, FL PE No. 72012

4. Material Certification
Miami-Dade County Notice of Acceptance
Kuraray America, Inc. (Previously DuPont)
Trosifol PVB Interlayer
SentryGlas Interlayer

Installation:

Refer to Installation Instructions (**OBE006**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**OBE006**) for design pressures based on size, configuration, and glass types.

Equivalence of Test Standards:

Various test standards have been evaluated for differences in test methodology, if any, between tested editions of the test standards listed below and those editions referenced in the current Florida Building Code. **Oldcastle BuildingEnvelope™** has tested their products to the following test standard edition(s):

- 1) ASTM E283-04
- 2) ASTM E330-02/14(21)
- 3) ASTM E331-00
- 4) ASTM E1886-05/19
- 5) ASTM E1996-09/20

Chapter 35 of the current Florida Building Code references the following editions of the above mentioned test standards:

- 1) ASTM E283-04(12)
- 2) ASTM E330-14
- 3) ASTM E331-00(09)
- 4) ASTM E1886-13a
- 5) ASTM E1996-17

After review of the above mentioned referenced standards and editions, it has been found that the results and tests carried out meet the requirements for compliance. All referenced standards have been found to be equivalent.