

Product Evaluation Report

of

**Kingspan Light & Air Fenestration, Inc.
U-Lite™ Monolithic Polycarbonate Standing Seam Panel
(HVHZ) (Non-Impact)**

for

Florida Product Approval

FL# FL47324

Report No. 9698

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Sky Lights
Sub – Category:	Skylight
Product:	U-Lite™ Monolithic Polycarbonate Standing Seam Panel
Materials:	Polycarbonate/Aluminum 6005-T5
Product Dimensions:	See Installation Instructions, KLA019

Prepared for:

**Kingspan Light & Air Fenestration, Inc.
28662 N. Ballard Drive
Lake Forest, IL 60045**

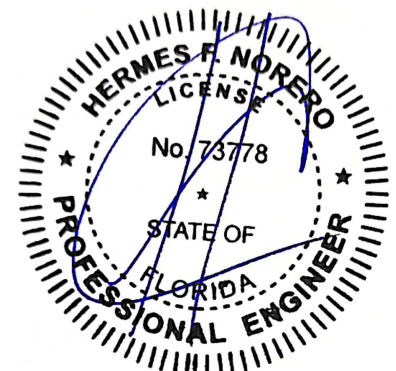
Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 02/07/2025

Contents:

Evaluation Report Pages 1 – 3

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.02.12 19:31:04 -05'00'



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

Manufacturer: Kingspan Light & Air Fenestration, Inc.

Product Category: Sky Lights

Product Sub-Category: Skylight

Compliance Method: State Product Approval Method (1)(d)

Product Name: U-Lite™ Monolithic Polycarbonate Standing Seam Panel (HVHZ) (Non-Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Kingspan Light & Air Fenestration, Inc.** 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 **KLA019**, 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. When used in areas requiring wind borne debris protection this product complies with Chapter 16 of the current Florida Building Code and **does require** an impact resistant covering.
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 if installed in front of CBS construction (ASTM C90) or 5/8" (5 ply) plywood supported by 2x studs or 2x6 – 18 Ga. metal studs, each at 16" O.C. Refer to the current Florida Building Code for other applications (e.g. Section 1626.1.a) that are exempted from impact requirements.
4. Site conditions that deviate from the details of installation instructions **KLA019** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **KLA019** for size and design pressure limitations.

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 **Intertek Testing Services NA, Inc. - QA Entity**.
(FBC Organization # QUA1673)

Performance Standards:

The product described herein has been evaluated per:

- ASTM E330-14(21)
- ASTM E1886-19
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by **Quast Consulting & Testing, Inc.**
(FBC Organization # TST8039)
Report #: QCT24-7396.02, Report Date: 01/28/2025
TAS Report Signed and Sealed by Arlen Fisher, FL PE No. 87795
2. Material Certification
ICC ESR Report
Kingspan Light + Air
U-Lite Solid Monolithic Polycarbonate Sheets

Installation:

Refer to Installation Instructions (**KLA019**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**KLA019**) for design pressures based on size, configuration, and glass types.