Engineering Express® (EX)
Product Evaluation Report

August 18, 2026

Application Number:	FL 12295.1
EX Project Number:	26-100187a
Product Manufacturer:	Four Seasons Solar Products LLC
Manufacturer Address:	5005 Veterans Memorial Highway Holbrook, NY 11741
Product Name & Description:	Series 230 Horizontal Slider HP for Sunroom

Scope of Evaluation:

This Product Evaluation Report is being issued in accordance with the requirements of the Florida Department of Business and Professional Regulation (Florida Building Commission) Rule Chapter 61G20-3.005, F.A.C., for statewide acceptance per Method 1 (d). The product noted above has been tested and/or evaluated as summarized herein to show compliance with standard ASCE 7-22 (ASD) and Florida Building Code 9th Edition (2026) and is, for the purpose intended, at least equivalent to that required by the Standard and Code. Re-evaluation of this product shall be required following pertinent Florida Building Code or ASCE Standard modifications or revisions.

Substantiating Data:

- **PRODUCT EVALUATION DOCUMENTS**

EX Performance Evaluation document # 26-100187a titled "Series 230 Horizontal Slider HP for Sunroom", prepared by Engineering Express, Inc., signed & sealed by Frank Bennardo, P.E. is an integral part of this Evaluation Report, pages 1 through 2.

- **TEST REPORTS** ***(IF APPLICABLE)***

Uniform static structural performance has been tested in accordance with TAS 202 test standard per test report(s) # TT507017-202 by Terrapin Testing, signed by Terence Cavanagh, P.E.

- **STRUCTURAL ENGINEERING CALCULATIONS**

Structural engineering calculations have been prepared which evaluate the product based on comparative and/or rational analysis to qualify the following design criteria:

1. Component Attachments

No 33% increase in allowable stress has been used in the design of this product.

Impact Resistance:

Impact Resistance has not been demonstrated.p

Four Seasons Solar Products LLC– Series 230 Horizontal Slider HP for Sunroom

Wind Load Resistance:

This product has been designed to resist wind loads as indicated on its respective Performance Evaluation document (i.e. engineering document).

Installation:

The product listed above shall be installed in strict compliance with the Performance Evaluation document (i.e. engineering document), along with all components noted therein.

The product components shall be of the material specified in the Performance Evaluation document (i.e. engineering document).

Limitations & Conditions of Use:

The use of each product shall be in strict accordance with its respective Performance Evaluation document (i.e. engineering document) as noted herein.

All supporting host structures shall be designed to resist all superimposed loads and shall be of a material listed in each product's respective anchor schedule. Host structure conditions which are not accounted for in each product's respective anchor schedule shall be designed for on a site-specific basis by a registered professional engineer.

All components which are permanently installed shall be protected against corrosion, contamination, and other such damage at all times. Any alteration to the respective Performance Evaluation document will invalidate it. This product has been designed for use inside and outside of the High-Velocity Hurricane Zone (HVHZ & NON-HVHZ).

Respectfully,

FRANK L. BENNARDO LICENSE No 0046549 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Frank Bennardo
Date: 2026.08.18 19:32:37 -04'00'

Frank Bennardo, P.E.
ENGINEERING *EXPRESS*®
#PE0046549 | Cert. Auth. 9885

*PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED & SEALED. SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
***FOR FLORIDA STATEWIDE PRODUCT APPROVALS (FSAs) REGISTERED & APPROVED WITH THE STATE OF FLORIDA:** ORIGINAL, SEALED COPIES OF APPROVED FLORIDA PRODUCT APPROVALS ARE NOT REQUIRED FOR PERMIT.
SEE **ECALC.IO/SEAL** TO LEARN MORE.