

| PRODUCT EVALUATION REPORT |                                  |
|---------------------------|----------------------------------|
| Project No.: ACE-2025-305 | Report No.: PER-ACE-1129, Rev. 0 |

**Product Description:** Series S-3400 PVC XO or OX Horizontal Sliding Window, Impact, HVHZ

**Product Manufacturer:** Eco Glass, 144 Hope Street, Longwood, FL 32750

**Code Compliance Statement:** This report evaluates the fenestration product(s) listed above to the requirements of FAC Product Approval Rule 61G20-3.005. This product complies with the requirements of the 8<sup>th</sup> Edition (2023) Florida Building Code including the High Velocity Hurricane Zone (HVHZ) per the product testing standards listed below.

**Compliance Method:** Product Approval Rule 61G20-3.005(1)(a) – Certification Mark or Listing

**Documentation/References:**

1. Installation Drawing No. ECOGLASS020-HVHZ, Rev. 0, signed and sealed by Robert J. Amoruso, PE.
  - a. This drawing is in conformance with the 8<sup>th</sup> Edition (2023) Florida Building Code including the High Velocity Hurricane Zone (HVHZ)
2. Test Report by PRI Construction Materials Technologies, LLC
  - a. Test Report No. 1924T0010, dated 1/16/26 S-3400 Series PVC XO Horizontal Sliding Window
    - i. Test Standards
      1. TAS 201 -94
      2. TAS 202-94
      3. TAS 203-94
    - ii. Specimen
      1. 72" x 60"
    - iii. Design Pressure
      1. +/- 50 psf for all specimens
    - iv. Large Missile Impact
    - v. Testing was conducted 6/24/24 through 6/28/24 using TAS standards per the 8<sup>th</sup> Edition (2023) of the FBC.
3. Calculations in support of installation requirements for ECOGLASS020-HVHZ, signed and sealed by Robert J. Amoruso, PE.
4. Glazing meets the requirements of ASTM E1300-16.

**Installation:** Fenestration units shall be installed according to installation drawing ECOGLASS020-HVHZ.

**Component Certification and Code Conformance:**

- Eastman Chemical Company Saflex PVB Interlayer code conformance per the currently issued Miami-Dade Notice of Acceptance (NOA) component approval to the 8<sup>th</sup> Edition (2023) Florida Building Code. See Miami-Dade NOA listing [here](#).
- Extruded rigid PVC by PH Tech, inc. per current Miami-Dade NOA listing [here](#).

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**Limitations & Conditions of Use:**

- This product shall only be used in the configurations and product sizes as indicated in ECOGLASS020-HVHZ.
- This product may be used in the High Velocity Hurricane Zone.
- This product has been tested with impact resistant glazing.
  - The LAMINATED-IGU glazed product has been tested for impact resistance and can be used in wind borne debris regions including the HVHZ without additional impact protective devices.
- Site conditions not covered in this product evaluation document are subject to additional engineering analysis by a licensed professional engineer or registered architect as required by the authority having jurisdiction.
- Adequacy of the existing structural substrates as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the licensed professional engineer or registered architect acting as the design professional of record for the project of installation.

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

Robert J. Amoruso, P.E., does not have, nor will he 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 he 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.



**Digitally  
signed by  
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Amoruso  
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Evaluated by:  
Robert J. Amoruso, P.E.  
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