

# Product Evaluation Report

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## Product Manufacturer:

The French Steel Company  
1303 Logan Circle NW  
Atlanta, GA 30318

## Product Name/Series/Description:

French Steel Exterior Stationary Windows

**Code:** Current Edition of the Florida Building Code including the 8<sup>th</sup> Edition (2023) Florida Building Code

**Compliance Method:** 61G20-3.005(1)(d) – Product Evaluation Report by a Licensed Professional Engineer

**Performance Testing and Test Reports:** Products covered by this evaluation include the following.

- Intertek/Architectural Testing, 1701 Westfork Drive, Suite 106, Lithia Springs, GA 30122, Test Report No. L8469.01-550-01 R1, dated 11/08/21, Signed and Sealed by Tanya A. Dolby, FL PE No. 93536, tested to the following.
  - ASTM E283-19
  - ASTM E330/E330M-14
  - ASTM E331-00(2016)
  - AAMA 1304-18
  - ASTM E1886-13a
  - ASTM E1996-17
  - TAS 201-94
  - TAS 202-94
  - TAS 203-94

## Installation Instructions:

- Installation Drawing No. FSC0002, Rev. A, dated 2/9/24, French Steel Company, French Steel Exterior Stationary Windows, Installation Anchorage Details, signed and sealed by Robert J. Amoruso, P.E., FL No. 49752.

**Engineering Analysis:** The following engineering and/or rational analysis/calculations have been performed.

- Anchorage and product verification has been substantiated by calculation, prepared, signed, and sealed by Robert J. Amoruso, P.E. in accordance with the current edition of the Florida Building Code.

## Limitations & Conditions of Use:

- This product has been evaluated for use inside the HVHZ (High Velocity Hurricane Zone). This product is Impact Resistance, therefore a protective impact-rated device (i.e., shutter(s)) is not required.
- Refer to Product Installation Instructions noted above for:
  - Maximum allowable wind loads at related maximum allowable size(s).
  - Overall dimensions and material/grade of main product components, accessories, etc.

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- Illustrated diagrams of the attachment of the product to the structure.
  - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations.
- Site wind pressures shall be determined by a licensed professional engineer in accordance with the current edition of the Florida Building Code (and/or ASCE 7 as referenced in the current edition of the Florida Building Code) for components and cladding based on allowable stress design.
- 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 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.

Evaluated by:  
Robert J. Amoruso, P.E.  
FL PE License No. 49752