

EVALUATION REPORT

Title: Sliding Glass Doors
Report #: SM2019-002R2
Manufacturer: Sun Metals Systems, Inc. 5008 Tampa West Blvd
Tampa, FL 33634
Technical Contact: Eric VanHorn, P.E.
VanHorn Engineering, LLC
Prepared by: Gordon Thomas, P.E.
Mason, OH 45040
Florida # 46718
Date: September 4, 2019
October 8, 2020 - revised
August 6, 2025 - revised

I. OVERVIEW / SCOPE

The following evaluation report provides a review of a currently approved sliding glass door. The current configuration is listed under FL 15903.2 and this evaluation will review the requirements to receive approval for the 8th Edition (2023) Florida Building Code.

II. REFERENCE MATERIAL

The following reference materials were provided in support of the product evaluation

1. Florida Product Approval FL 15903-R5
2. Sun Metals Dwgs FL-15903.2, Dated 7/14/25, 13 Sheets
3. Test Report, TEL 01500016, Testing Evaluation Laboratories, Inc, Dated June 27, 2008
4. Test Report, TEL 01501481, Testing Evaluation Laboratories, Inc, Dated Sept 8, 2015

III. EVALUATION CRITERIA & LIMITATIONS OF USE

The product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code structural requirements including the "High Velocity Hurricane Zone". The drawing cited below is an explicit part of this evaluation report. The text of this report cannot address all design details (fastener size, spacing) but relies upon the illustrations of this drawing.

The testing outlined in the report above was performed at an accredited lab and the facility was located at:
Testing Evaluation Laboratories, Inc., 2002 Wood Court Suite 1, Plant City, FL 33563

The test reports were signed by an authorized representative of TEL.

All product testing listed in test reports referenced above were conducted per TAS 201-94 (Impact Test Procedures), TAS 202-94 (Uniform Static Air Pressure) and TAS 203-94 (Criteria for Testing Products Subject to Cyclic Wind Pressure Loading).

The following information summarizes the Limitation of Use for the doors under evaluation.

Product Name	Product Type	Max Size	Max Design Pressure (PSF)	Impact Rating	Dwg
Sundor 5000	Sliding Glass Door	192.12" x 119.75"	+115/-135	Small Missile impact - HVHZ	FL-15903.2

Certification of Independence of Evaluation Entity

I hereby certify that (1) I have no financial interest in Sun Metals Systems, LLC; (2) I am an independent licensed Professional Engineer in the State of Florida and; (3) I comply with the criteria of independence as stated in 9B-72.110 (3), F.A.C. and 9B-72.110(4), F.A.C.

