

PRODUCT EVALUATION REPORT
RULE 61G20-3 – EVALUATION REPORT FROM A PROFESSIONAL ENGINEER
Report Number: 23-166

1- Date: 09/25/2023

2- Association / Manufacturer: Rollsecure Shutters
1762 Trade Center Way
Naples – Florida, 34109

3- Product Name: RE1500 ER
Extruded Aluminum Rolling Shutters
Large (Level D) & Small Missile Impact Rated

4- Evaluation Entity: Florida Professional Engineer
Pedro Paulo M. De Figueiredo – PE 52609
624 Beach Park Lane
Cape Canaveral – Florida 32920

5- Statement of Compliance: This product evaluation report is being issued per Rule 61G20-3 of the Florida Department of Business and Professional Regulation. The product covered by this report has proven to be compliant with the Florida Building Code 2023 – 8th edition, not limited to the following standards: ASTM E330, E1996, E1886; Aluminum Design Manual 2020 and AF&PA NDS 2018

6- Product Description: This product is an Aluminum Rolling Type Shutter designed, constructed and erected to easily enclose an area, providing protection from hurricane force winds and large missile windborne debris within the allowable designed pressures and limitations stated in this approval. Specification for design, fabrication and installation is found in drawings 23-166.

7- Technical Documentation:

7.1- Approval Document: Drawing number 23-166 prepared by PPMF Inc on 09/25/2023 sheets 1 through 9 of 9, titled "RE1500 ER" signed and sealed by Pedro De Figueiredo, PE.

7.2- Test Reports –

FTL D-6934, dated 3/10/2005 - ASTM E330, E1886 & E1996 (missile level "D")

FTL D-7088, dated 5/11/2005 - ASTM E330, E1886 & E1996 (missile level "D")

FTL D-7089, dated 5/11/2005 - ASTM E330, E1886 & E1996 (missile level "D")

FTL 5193, dated 2/2/2007 - ASTM E330, E1886 & E1996 (missile level "D")

7.3- Calculations: No calculations required for this Revision.

8- Limitation and Conditions of use:

8.1 – Glazing separation (Table 1A of drawings 23-166) used in accordance with general notes #10 in the referenced drawings.

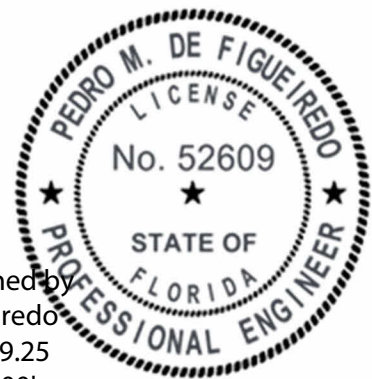
8.2 – Product to be manufactured, designed, and installed as per drawing specifications 23-166, prepared by PPMF Inc. dated 09/25/2023 and signed and sealed by Pedro De Figueiredo, PE.

8.3- Product **NOT APPROVED** for "High Velocity Hurricane Zones" (Miami and Broward Counties) as defined on the Florida Building Code.

9- Others: This product evaluation replaces the existing Florida State approval FL 8763 R6, evaluation drawings 20-106.

Pedro
Figueiredo

Digitally signed by
Pedro Figueiredo
Date: 2023.09.25
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Pedro De Figueiredo
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