

**PRODUCT EVALUATION REPORT**  
**RULE 61G20-3 – EVALUATION REPORT FROM A PROFESSIONAL ENGINEER**  
**Report Number: 21-093**

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- 1- Date:** 08/09/2021
- 2- Manufacturer:** National Approved Shutter Association LLC  
15701 SW 29<sup>th</sup> Street suite 100  
Miramar, FL 33027
- 3- Product Name:** Supernova  
Extruded Aluminum Accordion Shutters  
Large & Small Missile Impact Rated
- 4- Evaluation Entity:** Florida Professional Engineer  
Pedro Paulo M. De Figueiredo – PE 52609  
9715 West Broward Blvd. 247  
Plantation – Florida – 33324

**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 products covered by this report have proven to be in compliance with the Florida Building Code 2020, 7<sup>th</sup> Edition, not limited to the following standards TAS 201-94, 202-94, 203-94, ASTM E330, ASTM E1996, ASTM E1886, Aluminum Design Manual 2015 and AF&PA NDS 2018.

**6- Product Description:**

This product is an Accordion type hurricane 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 21-093.

**7- Technical Documentation:**

**7.1- Approval Document:** Drawings number 21-093 (18 sheets) prepared by PPMF Inc. on 08/09/2021, titled "Supernova", signed and sealed by Pedro Paulo Mauricio De Figueiredo, PE.

**7.2- Test Reports** – Product has been tested at Black Water Testing Laboratory Inc with signed and sealed (Yamil Kuri - PE 44726) report number JLPS 13-001 and NASA 14-001.

**7.3- Calculations:**

Original Calculations and design 13-140, prepared on 11/26/2013.

Addendum calculations and design 14-261, prepared on 12/20/2014.

Revisions calculations 15-113, prepared on 4/7/2015

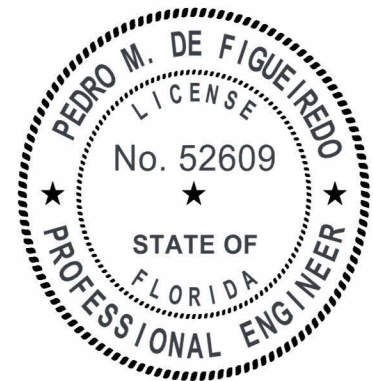
Revisions calculations 18-048, prepared on 02/06/2018

All documents prepared, signed and sealed by Pedro De Figueiredo, PE.

**8- Limitation and Conditions of use:**

Design as per drawings 21-093 instructions and details

**9- Others:**



Pedro De Figueiredo

Fl. P.E. License: 52609

System ID: 2504