

PRODUCT EVALUATION REPORT
RULE 61G20-3 – EVALUATION REPORT FROM A PROFESSIONAL ENGINEER
Report Number: 20-097

1- Date: 7/18/2020

2- Manufacturer: Major Industries Inc.
7120 Stewart Ave.
Wassau, Wi - 54402

3- Product Name: Guardian 275 Translucent Hurricane Wall System

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 compliant with the Florida Building Code 2020 – 7th edition, not limited to the following standards: ASTM E330; E1886, E1996; Aluminum Design Manual 2015 and AF&PA NDS 2018.

6- Product Description: This product is a translucent wall composed of a panel made of fiberglass and aluminum secured by an aluminum perimeter framing. The system is level D impact resistant and tested for use in wind zone 3 as per the ASTM E1996. The product is designed, constructed and tested to provide protection from hurricane force winds and wind-borne debris within the allowable designed pressures and limitations state in this approval. Specification, fabrication and installation are as per drawings 20-097.

7- Technical Documentation:

7.1- Approval Document: Drawings number 20-097 prepared by PPMF, Inc. on 07/18/2020 sheets 1 through 6 of 6, titled "Guardian 275 Translucent Hurricane Wall Systems" signed and sealed by Pedro De Figueiredo, PE.

7.2- Test Reports – ASTM E330, ASTM E1996 and ASTM E1886 as per the Florida Building Code 2020 – 7th edition, prepared by Stork Twin City Testing, reports #: 180-7933.1 and 180-7933.2 Rev. A.

7.3- Calculations: Calculations and design for framing anchorage and analysis of test results, prepared on 3/23/2015 and signed and sealed by Pedro De Figueiredo, PE. Calculations are compliant to new FBC 2020 – 7th edition.

8- Limitation and Conditions of use:

8.1 – Product to be manufactured, designed and installed as per drawing specifications 20-097, prepared by PPMF Inc. dated on 07/18/2020 and signed and sealed by Pedro De Figueiredo, PE.

8.2 – Product is not applicable to be installed in High Velocity Hurricane Zones.

8.3 – Product is not applicable to be installed within wind zone 4.

8.4 – Product maximum panel area not to exceed 40 sqf

9- Others:



JUL 18 2020

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