

PRODUCT EVALUATION REPORT
RULE 61G20-3 – EVALUATION REPORT FROM A PROFESSIONAL ENGINEER
Report Number: 20-098

1- Date: 07/18/2020

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

3- Product Name: Guardian 275 Translucent Skylight / Slope Glazed Hurricane 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 skylight 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. This 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 for fabrication and installation are as per drawings 20-098.

7- Technical Documentation:

7.1- Approval Document: Drawings number 20-098 prepared by PPMF Inc. on 07/18/2020 sheets 1 through 6 of 6, titled "Guardian 275 Translucent Hurricane System - Skylight / Slope Glazed and signed and sealed by Pedro De Figueiredo, PE.

7.2- Test Reports – ASTM E330, ASTM E331, ASTM E283, ASTM E1996 and ASTM E1886 as per the Florida Building Code 2020 – 7th edition prepared by Stork Twin City Testing, reports #: 180-7932.1, TCT003089P-0079 and 180-7932.2.

7.3- Calculations: Calculations and design for framing anchorage and analysis of test results, prepared on 3/26/2015 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, installed as per drawing specifications 20-098, 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:

07/18/2020



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