



1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Product Evaluation Report

of

Progressive Screens Magnatrack Hurricane System Fabric Roll Shutter (HVHZ)(Impact)

for

Florida Product Approval

FL# FL30798

Report No. 7414

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Impact Protective Systems
Sub – Category:	Operable
Product:	Magnatrack Hurricane System
Material:	Vinyl Coated Polyester Yarns, Vinyl Coated Aramid or UHMWPP Yarns and 6063-T6 Aluminum
Product Dimensions:	See Installation Instructions, PRG003

Prepared for:

**Progressive Screens
7839 Fruitville Rd
Sarasota, Florida 34240**

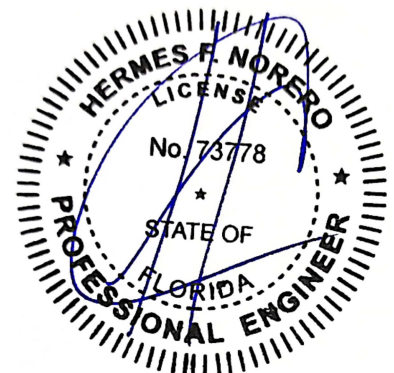
Prepared By:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 10/9/2023

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.10.19 13:55:33 -04'00'



Hermes F. Norero, P.E.
Florida P.E. No. 73778

Manufacturer: Progressive Screens

Product Category: Impact Protective Systems

Product Sub-Category: Operable

Compliance Method: State Product Approval Method (1)(d)

Product Name: Magnatrack Hurricane System Fabric Roll Shutter (HVHZ) (Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Progressive Screens** based on Method 1d of the Florida Product Approval System, Florida Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the current Florida Building Code.

See Installation Instructions **PRG003**, signed and sealed by Hermes F. Norero (FL # 73778), for specific use parameters.

Limits of Use:

1. This product has been evaluated and is in compliance with the current Florida Building Code, **including** the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with Chapter 16 of the current Florida Building Code and **meets** all requirements for impact resistant coverings when installed in compliance with requirements of **PRG003**.
4. Site conditions that deviate from the details of **PRG003** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **PRG003** for size and design pressure limitations.

Quality Assurance: The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code for manufacturing under an approved quality assurance program audited through **National Accreditation and Management Institute** (FBC Organization #: QUA1789).

Performance Standards: The product described herein has been tested per:

- TAS 201-94
- TAS 202-94
- TAS 203-94
- ASTM E330-14
- ASTM E1886-13
- ASTM E1996-14

Referenced Data:

1. Product Testing performed by **Blackwater Testing Inc**
(FBC Organization # TST10394)
Report #: BT-PGS-19-001 Report Date: 10/16/2019
Signed and sealed by Constantin Bortes, P.E. FL# 77915
BT-PGS-20-001 12/02/2020
Signed and sealed by Michael Caldwell, P.E. FL# 49979
2. Product Testing performed by **PRI Construction Materials Technologies LLC**
(FBC Organization # TST5878)
Report #: 2422T0001 Report Date: 02/07/2022
Signed and sealed by Zachary Priest, P.E. FL# 74021
3. Material property testing performed by **Blackwater Testing Inc**
(FBC Organization # TST10394)
Report #: BT-TWI-15-001 Report Date: 10/16/2019
Signed and sealed by Yamil Kuri, P.E. FL# 44726
ASTM D628 and ASTM G155 testing
4. Material property testing performed by **Twitchell Corporation**
ASTM G-53 Testing

Installation:

Refer to Installation Instructions (**PRG003**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**PRG003**) for design pressures based on size and configuration.