BUILDING DROPS
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

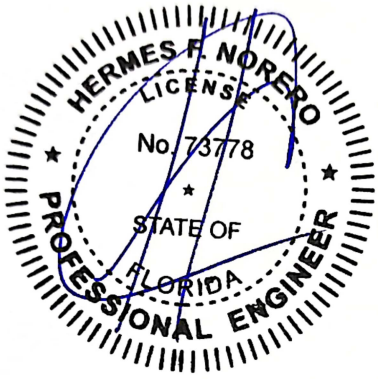
Report No. 10532

Current Florida Building Code

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

Prepared for:
Progressive Screens
4268 Westroads Drive
West Palm Beach, FL 33407

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 10/19/2026



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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.10.20 12:02:28 -04'00'

Hermes F. Norero, P.E.
Florida 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 State of Florida Product Approval, 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, P.E. (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 covering when installed in compliance with requirements of **PRG003**.
4. Site conditions that deviate from the details of installation instructions **PRG003** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **PRG003** for size and design pressure limitations.

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Quality Assurance:

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

Performance Standards:

The product described herein has been evaluated per:

- ASTM E330/E330M-14(21)
- ASTM E1886-13a
- ASTM E1996-17
- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by **Blackwater Technical Services Inc.** (FBC Organization # TST10394)
   Report #: BT-PGS-19-001, Report Date: 10/16/2019
   Report Signed and Sealed by Constantin Bortes, FL PE No. 77915
   Report #: BT-PGS-20-001, Report Date: 12/02/2020
   Report Signed and Sealed by Michael D. Caldwell, FL PE No. 49979

2. Product Testing performed by **PRI Construction Materials Technologies LLC** (FBC Organization # TST5878)
   Report #: 2422T0001, Report Date: 02/07/2022
   Report Signed and Sealed by Zachary Priest, FL PE No. 74021

3. Material Testing performed by **Blackwater Technical Services Inc.** (FBC Organization # TST10394)
   Report #: BT-TWI-15-001, Report Date: 10/16/2019
   Report Signed and Sealed by Yamil Kuri, FL PE No. 44726
   ASTM D628 and ASTM G155 testing

4. Material Testing performed by **Twitchell Corporation**
   ASTM G53 testing

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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, configuration, and glass types.

Equivalence of Test Standards:

Various test standards have been evaluated for differences in test methodology, if any, between tested editions of the test standards listed below and those editions referenced in the current Florida Building Code. **Progressive Screens** has tested their products to the following test standard edition(s):

1) ASTM E330/E330M-14
2) ASTM E1996-14

Chapter 35 of the current Florida Building Code references the following editions of the above mentioned test standards:

1) ASTM E330/E330M-14(21)
2) ASTM E1996-17

After review of the above mentioned referenced standards and editions, it has been found that the results and tests carried out meet the requirements for compliance. All referenced standards have been found to be equivalent.

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