



398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

Product Evaluation Report

of

**FBS Fortified & Ballistic Security
Outswing Solid Pivot Door
(HVHZ) (Impact)**

for

Florida Product Approval

FL# FL37351

Report No. 8051

Current Florida Building Code

Method: 1 – D (Engineering Evaluation)
Category: Exterior Doors
Sub – Category: Swinging Exterior Door Assemblies

Product: Outswing Solid Pivot Door
Material: Stainless Steel
Product Dimensions: See Installation Instructions, FBS003

Prepared for:

**FBS Fortified & Ballistic Security
3350 NW Boca Raton Boulevard
Boca Raton, Florida 33431**

Prepared by:

Hermes Norero, P.E.

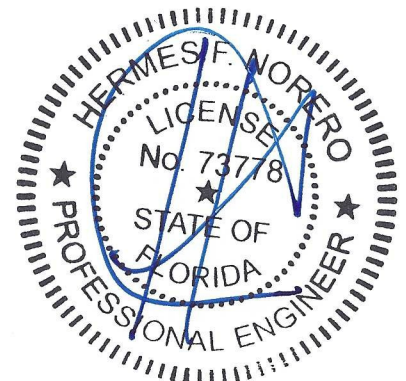
Florida Professional Engineer # 73778

Date: 6/2/2022

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
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Hermes Norero, P.E.
Florida P.E. No. 73778



FL#: FL37351
Date: 6/2/2022
Report No: 8051

398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

Manufacturer: FBS Fortified & Ballistic Security
Product Category: Exterior Doors
Product Sub-Category: Swinging Exterior Door Assemblies
Compliance Method: State Product Approval Method (1)(d)
Product Name: Outswing Solid Pivot Door
(HVBZ) (Impact)

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

Hermes 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 **FBS003**, signed and sealed by Hermes 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" (HVBZ).
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 **does not** require an impact resistant covering.
4. Site conditions that deviate from the details of Installation Instructions **FBS003** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **FBS003** for size and design pressure limitations.

Certification Agency: The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code for manufacturing under a program audited by and approved quality assurance entity through **National Accreditation and Management Institute** (FBC Organization #: CER1773).

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

- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing
Blackwater Testing Lab
(FBC Organization #: BW-FBS-20-001, Report Date: 12/01/20
TAS Report signed and sealed by Roberto Archila, FL PE No. 53306
2. Certification Agency
National Accreditation and Management Institute
(FBC Organization #: CER1773)

Installation:

Refer to Installation Instructions (**FBS003**) for anchors, spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**FBS003**) for allowable sizes and design pressures.