



BUILDING DROPS

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Certificate of Authorization: 29578

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Product Evaluation Report

of

**Steelcraft H Series
Outswing Double Glazed Commercial Steel Door**

for

Florida Product Approval

FL# FL12400

Report No. 5812

Current Florida Building Code

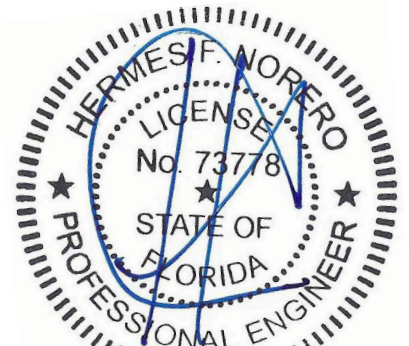
Method: 1 – D (Engineering Evaluation)
Category: Exterior Doors
Sub – Category: Swinging Exterior Door Assemblies

Product: *Steelcraft H Series Outswing Double Glazed Commercial Steel Door*
Material: 16 Ga. Min. Cold Rolled Steel
Product Dimensions: 100" x 100" Max. O.A.

Prepared for:
Schlage Lock Company, LLC.
11819 N. Pennsylvania Street
Carmel, IN 46032

Prepared by:
Hermes F. Norero
Florida Professional Engineer # 73778
Date: 07/17/2018

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



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FL#: **FL12400**

Date: 07/18/2018

Report No: 5812

Manufacturer: Schlage Lock Company, LLC.

Product Category: Exterior Doors

Product Sub-Category: Swinging Exterior Door Assemblies

Compliance Method: State Product Approval Method 1(d)

Product Name: **Steelcraft H Series Outswing Double Glazed Commercial Steel Door**
(Impact)
100" x 100" Max. O.A.

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Schlage Lock Company, LLC.** 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 Florida Building Code.

See Installation Instructions **IRGD07**, 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 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 Florida Building Code and does not require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **IRGD07** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **IRGD07** for size and design pressure limitations.

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Quality Assurance: The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **UL LLC**. (FBC Organization #: QUA9625)

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

- TAS 201-94
- TAS 202-94
- TAS 203-94
- ASTM E283-04
- ASTM E330-02
- ASTM E331-00

Referenced Data:

1. Product Testing performed by **Certified Testing Laboratories**
(FBC Organization # TST1577)
Report #: CTLA-3045W, Report Date: 02/16/15
Report #: CTLA-776W-1, Report Date: 04/25/02
Report #: CTLA-975W, Report Date: 01/23/03
Report #: CTLA-882W, Report Date: 08/29/02
Report #: CTLA-1035W, Report Date: 05/28/03
Report #: CTLA-1086W, Report Date: 11/17/03
Report #: CTLA-1107W-3, Report Date: 06/30/04
Report #: CTLA-3064W, Report Date: 01/08/16
Report #: CTLA-3064W-1, Report Date: 01/08/16
Report #: CTLA-3064W-2, Report Date: 01/08/16
Report #: CTLA-3064W-3, Report Date: 01/08/16
Report #: CTLA-3064W-4, Report Date: 01/08/16
Report #: CTLA-3064W-5, Report Date: 01/08/16
Report #: CTLA-3064W-6, Report Date: 01/08/16
Report #: CTLA-3064W-7, Report Date: 01/08/16
Report #: CTLA-3064W-10, Report Date: 01/08/16
Report #: CTLA-3064W-16, Report Date: 01/08/16
All reports signed and sealed by Ramesh Patel, FL P.E. No 20224
2. Product Testing performed by **National Certified Testing Laboratories, Inc.**
(FBC Organization # TST1589)
Report #: NCTL-210-03-0514-11, Report Date: 08/31/04
Report #: NCTL-210-03-3511-1, Report Date: 04/09/08
Report #: NCTL-210-03-3549-1, Report Date: 08/26/08
Report #: NCTL-210-3580-2, Report Date: 03/25/09
Report #: NCTL-210-3357-1, Report Date: 12/28/06
Report #: NCTL-210-3232-1, Report Date: 02/24/06

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FL#: **FL12400**

Date: 07/18/2018

Report No: 5812

Report #: NCTL-210-3645-1, Report Date: 12/28/06
All reports signed and sealed by Gerard Ferrara, FL P.E. No 11985

3. Product Testing performed by **Element Materials Technology**
(FBC Organization # TST2613)

Report #: ESP011623P, Report Date: 05/14/13
All reports signed and sealed by Jason Steen, FL P.E. No 67814

4. Product Testing performed by **Intertek**
(FBC Organization # TST1527)

Report #: G1447.01-450-18, Report Date: 02/07/17
Report #: G4839.01-450-18, Report Date: 02/07/17
All reports signed and sealed by Joseph Reed, FL P.E. No 58920

5. Quality Assurance

UL LLC.
(FBC Organization # QUA9625)

6. Material Certification

Miami-Dade County Notice of Acceptance
Kuraray America, Inc.
SentryGlas Interlayer

7. Material Certification

Miami-Dade County Notice of Acceptance
Sabic Innovative Plastics
Lexan Polycarbonate Sheet Products

Installation: Refer to Installation Instructions (**IRGD07**) for qualified installation methods and requirements.

Design Pressure: Refer to Installation Instructions (**IRGD07**) for design pressures dependent on hardware type, configuration, and size of units.