



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

Product Evaluation Report

of

**Allegion-Schlage Lock Company, LLC.
Frame with Sidelites and Transom
For Use with 18 Gauge Steel Doors
(Non-HVHZ)(Non-Impact)**

for

Florida Product Approval

FL# FL34907

Report No. 8783

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Panel Walls
Sub – Category:	Storefront
Product:	Frame with Sidelites and Transom
Frame Material:	16 Ga. Cold Rolled Steel
Product Dimensions:	152" x 124" Max. O.A.

Prepared for:

**Allegion-Schlage Lock Company, LLC.
11819 N. Pennsylvania Street
Carmel, IN 46032**

Prepared by:

Hermes F. Norero, P.E.

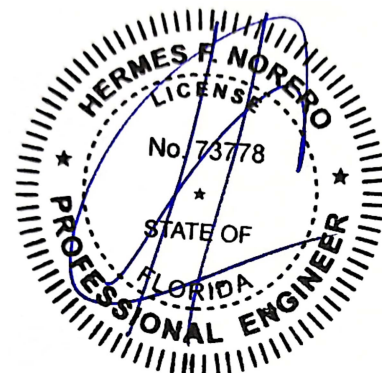
Florida Professional Engineer # 73778

Date: 8/28/2023

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Digitally signed by Hermes F. Norero, P.E.
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Hermes F. Norero, P.E.
Florida P.E. No. 73778

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

Manufacturer: Allegion-Schlage Lock Company, LLC.

Product Category: Panel Walls

Product Sub-Category: Storefront

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

Product Name: **Frame with Sidelites and Transom For Use with 18 Gauge Steel Doors**
(Non-HVHZ)(Non-Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Allegion-Schlage Lock Company, LLC.** based on Method 1d of the State of Florida Product Approval, 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 **RDF023**, 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, excluding 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 does require an impact resistant covering.
4. Site conditions that deviate from the details of Installation Instructions **RDF023** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **RDF023** for size and design pressure limitations.
6. Doors are under separate approval. Lowest design pressure rating of storefront system and doors under separate approval shall govern the overall assembly.

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 **Intertek Testing Services NA, Inc. - QA Entity** (FBC Organization #: QUA1673).

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

- ASTM E283-04(12)
- ASTM E331-00(09)
- ASTM E330-14
- AAMA 501-15

Referenced Data:

1. Product Testing performed by **Intertek Testing Services**
(FBC Organization # TST1509)
Report #: 3091362-001, Report Date: 07/14/06
2. Product Testing performed by **Certified Testing Laboratories**
(FBC Organization # TST1577)
Report #: CTLA-1107W, Report Date: 11/05/03
3. Product Testing performed by **National Certified Testing Laboratories**
(FBC Organization # TST1589)
Report #: NCTL 210-3232-1, Report Date: 02/24/06
4. Quality Assurance Entity:
Intertek Testing Services NA Inc. – QA Entity
(FBC Organization #: QUA1673)

Design Pressure:

Refer to Installation Instructions (**RDF023**) for anchor spacing and more details of the installation requirements.

Installation Details:

Refer to Installation Instructions (**RDF023**) for anchor types, spacing, embedment, edge distance, limits of use, and more details of the installation requirements.

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. **Allegion-Schlage Lock Company, LLC.** has tested their products to the following test standard edition(s):

- 1) ASTM E 283-04
- 2) ASTM E 330-02
- 3) ASTM E331-00

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

- 1) ASTM E 283-04(12)
- 2) ASTM E 330-14
- 3) ASTM E331-00(09)

After review of the above mentioned referenced standards and editions, it has been found that no significant technical changes have been made to the test standards that would affect the results. All referenced standards have been found to be equivalent.

Additionally, this document shall serve to state that the products in question comply with Chapter 17 & 24 of the Current Florida Building Code for testing in accordance with AAMA 501-15 "Methods of Tests for Exterior Walls".

The testing on this product complies with the requirements specified within the AAMA 501-15 standard, as required by the Florida Building Code. This standard is listed under Chapter 35 of the current Florida Building Code and titled "Methods of Tests for Exterior Walls". At a minimum, AAMA 501-15 requires exterior wall systems be tested to ASTM E283, ASTM E330 and ASTM E331 test standards.

The manufacturer has successfully tested their products to ASTM E283, ASTM E330, and ASTM E331 in accordance with the test requirements set forth within the applicable test standard. All test methods and procedures may be considered equivalent or better than those in AAMA 501-15.

All test results meet or exceed requirements of the current Florida Building Code.