



# BUILDING DROPS

A Perfect Solution in Every Drop!

Certificate of Authorization: 29578

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## Product Evaluation Report

*of*

**dormakaba USA, Inc.**

**PHI Series “HC2200, HC2300, & HC2800 Vertical Rod”  
& Series “HC2100 Rim Exit Device w/ HCK822 Mullion”  
Panic Exit Devices**

*for*

**Florida Product Approval**

**Report No. 6056**

**FL# FL20096**

**6<sup>th</sup> Edition Florida Building Code**

|                        |  |
|------------------------|--|
| <b>Method:</b>         | <b>1 – D (Engineering Evaluation)</b>  |
| <b>Category:</b>       | <b>Exterior Doors</b>  |
| <b>Sub – Category:</b> | <b>Exterior Door Components</b>  |
| <b>Product:</b>        | <b>PHI HC2200, HC2300, HC2800 SVR &amp;<br/>HC2100 RIM w/ HCK822 Mullion</b> |
| <b>Material:</b>       | <b>Steel/Various</b>   |

**Prepared for:**

**dormakaba USA, Inc.  
6161 E. 75th Street  
Indianapolis, IN 46250**

**Prepared by:**

**Hermes F. Norero, P.E.**

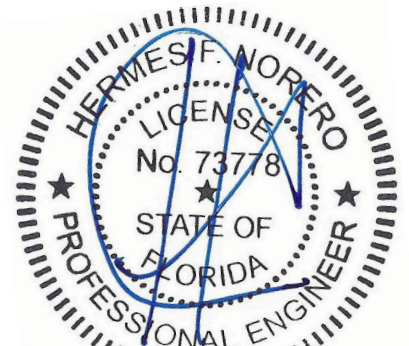
Florida Professional Engineer # 73778

Date: 12/11/2018

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Hermes F. Norero, P.E.

Florida No. 73778



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**Manufacturer:** dormakaba USA, Inc.

**Product Category:** Exterior Doors

**Product Sub-Category:** Exterior Door Components

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

**Product Name:** PHI HC2200, HC2300, HC2800 SVR & HC2100 RIM w/ HCK822 Mullion

**Scope:** This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **dormakaba USA, Inc.** 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 6<sup>th</sup> Edition Florida Building Code.

See Installation Instructions **DOR006**, 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 6<sup>th</sup> Edition 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 the 6<sup>th</sup> Edition Florida Building Code and does not require an impact resistant covering.
4. Site conditions that deviate from the details of drawing **DOR006** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **DOR006** 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 Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Intertek Testing Services NA Inc. - ETL/Warnock Hersey**. (FBC Organization #QUA1673).

## Performance Standards:

The product described herein has been tested per:

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

## Referenced Data:

1. Product Testing performed by **Intertek Testing Services** (FBC Organization # TST1585)  
Report #: 319135MID-001, Report Date: 10/15/10,  
Signed and sealed by Rick Curkeet, P.E.
2. Product Testing performed by **Certified Testing Laboratories** (FBC Organization # TST1577)  
Report #: CTLA-1150W, Report Date: 02/28/04  
Report #: CTLA-1150W-1, Report Date: 03/18/04  
Report #: CTLA-1150W-2, Report Date: 03/18/04  
Report #: CTLA-1150W-3, Report Date: 03/19/04,  
Signed and sealed by Ramesh Patel, P.E.
3. Quality Assurance Entity  
**Intertek Testing Services NA Inc. - ETL/Warnock Hersey**  
(FBC Organization #QUA1673)

## Installation:

Refer to Installation Instructions (**DOR006**) for anchor spacing and more details of the installation requirements.

## Design Pressure:

Refer to Installation Instructions (**DOR006**) for design pressures based on size and configuration.

Hermes F. Norero, P.E.

Florida No. 73778

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