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

Product Evaluation Report

of

Dormakaba USA, Inc.
C500 Series Cylindrical Lock
(HVHZ) (Impact) (Inswing/Outswing)

for

Florida Product Approval

FL# FL30725

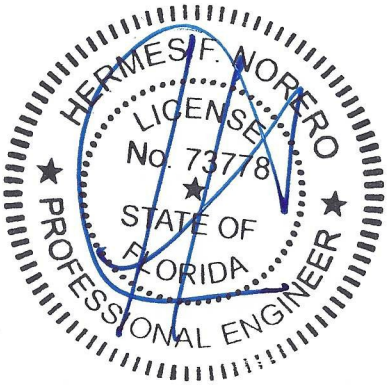
Report No. 8132

Current Florida Building Code

Method:	**1 – D (Engineering Evaluation)**
Category:	**Exterior Doors**
Sub – Category:	**Exterior Door Components**
Product:	**C500 Series Cylindrical Lock**
Materials:	**Steel/Various**

Prepared for:
Dormakaba USA, Inc.
6161 E 75th Street
Indianapolis, IN 46250

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 08/05/2022



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

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

Manufacturer: **Dormakaba USA, Inc.**

Product Category: Exterior Doors

Product Sub-Category: Exterior Door Components

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

Product Name: **C500 Series Cylindrical Lock (HVHZ) (Impact) (Inswing/Outswing)**

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, 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 **9000-409**, 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 **does not require** an impact resistant covering.
4. Site conditions that deviate from the details of installation instructions **9000-409** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **9000-409** 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 **Intertek Testing Services NA, Inc. - QA Entity.**
(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 **Testing Evaluation Laboratories**
   (FBC Organization # TST4317)
   Report #: TEL 03121640, Report Date: 11/30/16
   TAS Report Signed and Sealed by William B. Shelton, FL PE No. 26686

Installation:

Refer to Installation Instructions (**9000-409**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**9000-409**) for design pressures based on size and configuration.

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