R W B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197

Florida Board of Professional Engineers Registry License No. 9813

Product Evaluation Report

Report No.: ***FL-13061.2***

Date: ***July 29, 2026***

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Exterior Door Components	dormakaba Canada, Inc. 7301 Decarie Montreal, Quebec Ph. 877.468.3555	Series "Solitaire 710-II" Electronic Mortise Locks "Impact"

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for dormakaba Canada, Inc., based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Dept. of Business & Professional Regulation.

RW Building Consultants and Lyndon F. Schmidt, P.E. do 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.

Limitations:

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ", this product complies with Section 1626 of the FBC and does not require an impact resistant covering.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. This product has been tested in the door panels as specified in this approval. Substitution into a similar product may be approved for use by the local Authority Having Jurisdiction. In all cases, the steel or fiberglass door used must possess a comparable current Florida Statewide product approval. The door panel size and design pressure (DP) rating shall not exceed the sizes and DP ratings shown in this approval or the side hinged swing door approval being used.
6. Site conditions that deviate from the details of drawing FL-13061.2 require further engineering analysis by a licensed engineer or registered architect.
7. Outswing conditions meet water infiltration requierments for "HVHZ".
8. Inswing configurations do not meet the water infiltration requiements for the "HVHZ". Inswing units and item #43 shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.
9. All steel shall be protected as specified in Section 2222.6 of the FBC.
10. See drawing FL-13061.2 for size and design pressure limitations.

Supporting Documents:

	Test Report No.	Test Standard	Testing Laboratory	Signed by
1.	TEL 01720154	TAS 201, 202, 203-94	Testing Evaluation Laboratory	L.F. Schmidt, P.E. (2009)
2.	**Drawing No.** No. FL-13061.2	**Prepared by** RW Building Consultants, Inc. (#9813)		**Signed & Sealed by** Lyndon F. Schmidt, P.E.
3.	**Calculations** Anchoring	**Prepared by** RW Building Consultants, Inc. (#9813)		**Signed & Sealed by** Lyndon F. Schmidt, P.E.

4. **Quality Assurance**
   Certificate of Participation issued by Intertek Testing Services NA, Inc., certifying that dormakaba Canada, Inc. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Digitally signed by Lyndon F Schmidt
Date: 2026.07.30 07:21:13 -04'00'

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409
This item has been digitally signed and sealed by **L. F. Schmidt** on **7-29-26**.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA