

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-15366.1

Date: August 11, 2020

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Dunbarton Corporation 868 Murray Road Dothan, AL 36303 Phone 334.794.0661	"Rediframe" One-Piece Steel Frame System Utilizing a Taylor Opaque Steel Door Panel "Impact"

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for Dunbarton Corporation based on Rule Chapter No.61G20-3, Method 1D of the State of Florida Product Approval, Department 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

Limitations:

1. This product has been evaluated and is in compliance with the 7th Edition (2020) 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. When used in areas requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. Site conditions that deviate from the details of drawing FL-15366.1 require further engineering analysis by a licensed engineer or registered architect.
6. Outswing configurations using high water dam threshold item #70 meet water infiltration requirements for "HVHZ".
7. Inswing configurations and outswing configurations using sill item #71 and #72 do not meet the water infiltration requirements for the "HVHZ" and 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.
8. When used in the "HVHZ", steel shall be protected as specified in FBC Section 2222.6.
9. See drawing FL-15366.1 for size and design pressure limitations.

Supporting Documents:

- | | |
|---------------------------|----------------------|
| 1. Test Report No. | Test Standard |
| CTLA 1167W | TAS 201, 202, 203-94 |
| CTLA 1167W-1 | TAS 201, 202, 203-94 |
| CTLA 1167W-2B | TAS 201, 202, 203-94 |
| CTLA 1167W-4A | TAS 201, 202, 203-94 |
| CTLA 1167W-5 | TAS 201, 202, 203-94 |
| CTLA 1167W-6 | TAS 201, 202, 203-94 |
| ITS 29189 | UL 10C (2009) |
| TEL 08-01120019 | ASTM D 1929-96 |
-
- | | |
|-----------------------|---------------------------------------|
| 2. Drawing No. | Prepared by |
| No. FL-15366.1 | RW Building Consultants, Inc. (#9813) |
-
- | | |
|------------------------|---------------------------------------|
| 3. Calculations | Prepared by |
| Anchoring | RW Building Consultants, Inc. (#9813) |
-
- | |
|---|
| 4. Quality Assurance |
| Certificate of Participation issued by National Accreditation and Management Institute, certifying that Dunbarton Corporation is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. |

Testing Laboratory

Certified Testing Lab.
 Certified Testing Lab.
 Certified Testing Lab.
 Certified Testing Lab.
 Certified Testing Lab.
 Certified Testing Lab.
 Certified Testing Lab.
 Intertek Testing Services
 Testing Evaluation Lab., Inc.

Signed by

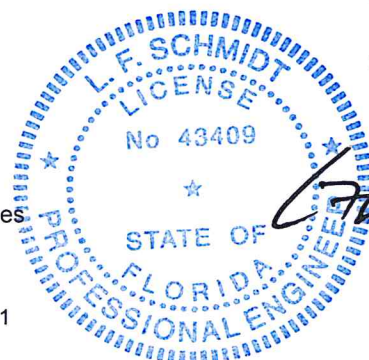
Ramesh Patel, P.E.
 Ramesh Patel, P.E.
 Ramesh Patel, P.E.
 Ramesh Patel, P.E.
 Ramesh Patel, P.E.
 Ramesh Patel, P.E.
 Ramesh Patel, P.E.
 Michael Puls
 Wendell Haney, P.E.

Signed & Sealed by

Lyndon F. Schmidt, P.E.

Signed & Sealed by

Lyndon F. Schmidt, P.E.



Lyndon F. Schmidt, P.E.
 FL PE No. 43409
 8/11/2020