

Product Evaluation Report

Report No.: FL-15341.3

Date: August 11, 2020

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Exterior Door Components	Dunbarton Corporation 868 Murray Road Dothan, AL 36303 Phone 334.794.0661	"Rediflex" Two-Piece Steel Frame System Utilizing a JELD-WEN Opaque Steel Door Panel "Impact"

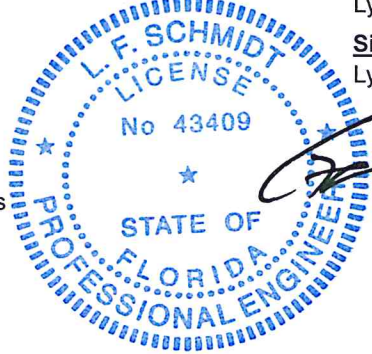
Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for Dunbarton Corporation based on Rule Chapter No.61G20-3, Method 1D of the State of Florida Product Approval, Department of Business & Professional Regulation.

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 herein.

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 Florida Building Code 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. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of drawing FL-15341.3 require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations using high water dam threshold item #70 meet water infiltration requirements for "HVHZ".
8. 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.
9. When used in the "HVHZ", steel shall be protected as specified in FBC Section 2222.6.
10. See drawing FL-15341.3 for size and design pressure limitations.

Supporting Documents:

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| <ol style="list-style-type: none"> 1. Test Report No.
CTLA 1167W
CTLA 1167W-1
CTLA 1167W-2B
CTLA 1167W-4A
CTLA 1167W-5
CTLA 1167W-6
ITS J99006660-001 2. Drawing No.
No. FL-15341.3 3. Calculations
Anchoring 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. | <table border="0"> <tr> <td>Test Standard</td> <td>Testing Laboratory</td> <td>Signed by</td> </tr> <tr> <td>TAS 201, 202 & 203-94</td> <td>Certified Testing Lab.</td> <td>Ramesh Patel, P.E.</td> </tr> <tr> <td>TAS 201, 202 & 203-94</td> <td>Certified Testing Lab.</td> <td>Ramesh Patel, P.E.</td> </tr> <tr> <td>TAS 201, 202 & 203-94</td> <td>Certified Testing Lab.</td> <td>Ramesh Patel, P.E.</td> </tr> <tr> <td>TAS 201, 202 & 203-94</td> <td>Certified Testing Lab.</td> <td>Ramesh Patel, P.E.</td> </tr> <tr> <td>TAS 201, 202 & 203-94</td> <td>Certified Testing Lab.</td> <td>Ramesh Patel, P.E.</td> </tr> <tr> <td>TAS 201, 202 & 203-94</td> <td>Certified Testing Lab.</td> <td>Ramesh Patel, P.E.</td> </tr> <tr> <td>ASTM D 1929-91 & ASTM E 84-97</td> <td>Intertek Testing Services</td> <td>Douglas K. Tucker, P.E.</td> </tr> </table> <table border="0"> <tr> <td>Prepared by</td> <td>Signed & Sealed by</td> </tr> <tr> <td>RW Building Consultants, Inc. (#9813)</td> <td>Lyndon F. Schmidt, P.E.</td> </tr> <tr> <td>Prepared by</td> <td>Signed & Sealed by</td> </tr> <tr> <td>RW Building Consultants, Inc. (#9813)</td> <td>Lyndon F. Schmidt, P.E.</td> </tr> </table> | Test Standard | Testing Laboratory | Signed by | TAS 201, 202 & 203-94 | Certified Testing Lab. | Ramesh Patel, P.E. | TAS 201, 202 & 203-94 | Certified Testing Lab. | Ramesh Patel, P.E. | TAS 201, 202 & 203-94 | Certified Testing Lab. | Ramesh Patel, P.E. | TAS 201, 202 & 203-94 | Certified Testing Lab. | Ramesh Patel, P.E. | TAS 201, 202 & 203-94 | Certified Testing Lab. | Ramesh Patel, P.E. | TAS 201, 202 & 203-94 | Certified Testing Lab. | Ramesh Patel, P.E. | ASTM D 1929-91 & ASTM E 84-97 | Intertek Testing Services | Douglas K. Tucker, P.E. | Prepared by | Signed & Sealed by | RW Building Consultants, Inc. (#9813) | Lyndon F. Schmidt, P.E. | Prepared by | Signed & Sealed by | RW Building Consultants, Inc. (#9813) | Lyndon F. Schmidt, P.E. |  <p>Lyndon F. Schmidt, P.E.
FL PE No. 43409
8/11/2020</p> |
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