R W B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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Florida Board of Professional Engineers Registry License No. 9813

Product Evaluation Report

Report No.: ***FL-41494.4***

Date: ***August 29, 2023***

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	**Exterior Door Components**	**TownSteel** **17901 Railroad Street** **City of Industry, CA 91748** **877-858-0888**	**"m-Genius" Series Interconnected Lock in a Steel Commercial Door** **Outswing** **"Impact"**

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. for TownSteel 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 8th Edition (2023) 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. 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 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 steel side hinged swing door approval being used.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
6. Air and water infiltration qualifications to be reviewed by the Building Official.
7. When used in the “HVHZ”, steel must be protected as specified in FBC Section 2222.6.
8. See drawing FL-41494.4 for size and design pressure limitations.

Supporting Documents:

1. **Test Report No.** / **Test Standard** / **Testing Laboratory** / **Signed by**
   - TEL 06073464 / TAS 201, 202 & 203-94 / Testing Evaluation Lab., Inc. / William Shelton, P.E.
   - TEL 06073465 / ASTM E330-14, E1886-13a, E1996-14a / Testing Evaluation Lab., Inc. / Vivian K. Wright
2. **Drawing No.** / **Prepared by** / **Signed & Sealed by**
   - No. FL-41494.4 / RW Building Consultants, Inc. (#9813) / Lyndon F. Schmidt, P.E.
3. **Quality Assurance**
   Certificate of Participation issued by National Accreditation and Management Institute, certifying that TownSteel is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Digitally signed by Lyndon F Schmidt
Date: 2023.08.29 16:48:18 -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 **8-29-23**.
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