

Product Evaluation Report

Report No.: FL-12020.1

Date: July 7, 2023

Product Category	Sub Category	Manufacturer	Product Name
Panel Walls	Siding	Cladding Systems, Inc. 3218 East 4th Ave. Tampa, FL 33605 Phone 813.247.6789	CSI 1000 Wall Panels Large and Small Missile "Impact"

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Cladding Systems, Inc., 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. When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
3. When used in areas outside the "HVHZ" requiring windborne 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.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
5. The wall panels are shown attached to 16 ga. metal studs at a maximum stud spacing of 16" o.c. The metal studs are part of the support structure and shall be designed by the architect or engineer of record and submitted to the permitting jurisdiction for review and approval. The wall panels may also be attached directly to other substrate materials as specified by the architect or engineer of record.
6. The wall panels shall not be used to resist diaphragm forces. Supplemental lateral bracing is required.
7. The wall panels shall not be used to resist any axial forces other than self-weight. Supplemental vertical support for floor and roof systems is required.
8. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.
9. See drawing FL-12020.1 for size and design pressure limitations.

Supporting Documents:

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| <p>1. Test Report No.
TEL 01660081
01.10932.01.256(1)
01.10934.01.657
8902-118985
TEL 01660246</p> | <p>Test Standard
TAS 201, 202 & 203-94
ASTM E 84-05
ASTM D 1929-96
ASTM E 84-03
ASTM D 635-03, D 1929-96 & D 2843-99</p> | <p>Testing Laboratory
Testing Evaluation Lab., Inc.
Southwest Research Inst.
Southwest Research Inst.
Intertek Testing
Testing Evaluation Lab., Inc.</p> | <p>Signed by
Lyndon F. Schmidt, P.E.
Robert L. Vinson III, P.E.
Robert L. Vinson III, P.E.
William E. Fitch, P.E.
Lyndon F. Schmidt, P.E.</p> |
| <p>2. Drawing No.
No. FL-12020.1</p> | <p>Prepared by
RW Building Consultants, Inc. (#9813)</p> | <p>Signed & Sealed by
Lyndon F. Schmidt, P.E.</p> | |
| <p>3. Quality Assurance
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Cladding Systems, Inc. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.</p> | | | |

Digitally signed by Lyndon F Schmidt
Date: 2023.07.11 10:11:48 -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 7-11-23.
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