



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- 46929.1

Date: August 6, 2024

Product Category	Sub Category	Manufacturer	Product Name
Panel Walls	Soffit	Gentek Building Products 3773 State Road. Cuyahoga Falls, OH 44223 (330) 922-2389	"Fairweather" Vinyl Soffit

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for Gentek Building Products 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 excluding 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. Site conditions that deviate from the details of drawing FL-46929.1 require further engineering analysis by a licensed engineer or registered architect.
4. Wood/CMU wall construction, by others, must be properly designed to receive loads from the soffit and or 2" x 2" batten strips.
5. Vinyl soffits shall be tested and labeled as conforming to the requirements of ASTM D 4477 and FBC Section 1709.10.
6. See drawing FL-46929.1 for size and design pressure limitations.

Supporting Documents:

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| 1. <u>Test Report No.</u>
TEL 02750459
B9906.02-106-31
A5530-01-103-77 | <u>Test Standard</u>
ASTM E 330-02
ASTM D 4477-04a (Deflection Test)
ASTM D 3679-09a | <u>Testing Laboratory</u>
Testing Evaluation Lab., Inc.
Architectural Testing, Inc.
Architectural Testing, Inc. | <u>Signed by</u>
Lyndon F. Schmidt, P.E.
Gary Hartman, P.E.
Daniel J. Wise |
| <u>Drawing No.</u>
2. No. FL 46929.1 | <u>Prepared by</u>
RW Building Consultants, Inc. (#9813) | | <u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E. |
| <u>Calculations</u>
Anchoring | <u>Prepared by</u>
RW Building Consultants, Inc. (#9813) | | <u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E. |
| 4. <u>Quality Assurance</u>
Certificate of Participation issued by Architectural Testing, Inc., certifying that Gentek Building Products is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. | | | |

Digitally signed by
Lyndon F Schmidt
Date: 2024.08.07
08:36:17 -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 8-7-24.
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