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- 15275.1***

***Date:*** ***October 9, 2023***

| Product Category | Sub Category | Manufacturer | Product Name |
|---|---|---|---|
| **Panel Walls** | **Siding** | **Alside**<br>**3773 State Road.**<br>**Cuyahoga Falls, OH 44223**<br>**(330) 922-2389** | **"Odyssey Plus"**<br>**D4 & D5 Dutch Lap / D4 & D5 Clapboard**<br>**Vinyl Siding** |

***Scope:*** This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for Alside 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. When used in areas requiring wind borne debris, this product must be installed over an impact resistant substrate. Sheathing shall comply with FBC Section 2304.6.
3. Site conditions not covered by drawing FL 15275.1 are subject to further engineering analysis.
4. Vinyl siding shall be labeled as conforming to the requirements of ASTM D 3679 and installed in accordance with this approval, ASTM D 4756 and the manufacturer's installation instructions.
5. Wood wall construction, by others, must be designed properly to receive loads from the siding. In addition, exterior walls with vinyl siding must conform to FBC Section 1405.14, including the water-resistive requirements as specified in FBC Section 1403.
6. Allowable negative design wind pressures (psf) have been calculated according to the provisions of ASTM D 3679-17 Annex A1.

***Supporting Documents:***

1. **Test Report No.** K1458.01-109-40 — **Test Standard** *ASTM D 5206 — **Testing Laboratory** Intertek — **Signed by** Vicki McElwain
   *(As referenced in ASTM D 3679-17)
2. **Drawing No.** No. FL 15275.1 — **Prepared by** RW Building Consultants, Inc. (#9813) — **Signed & Sealed by** Lyndon F. Schmidt, P.E.
3. **Calculations** Anchoring/D.P. — **Prepared by** RW Building Consultants, Inc. (#9813) — **Signed & Sealed by** Lyndon F. Schmidt, P.E.
4. **Quality Assurance**
   Certificate of Participation issued by Architectural Testing, Inc., certifying that Alside is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Digitally signed by Lyndon F Schmidt
Date: 2023.10.09 15:47:49 -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 **10-9-23**.
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**