

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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Florida Board of Professional Engineers Certificate of Authorization No. 9813

Product Evaluation Report

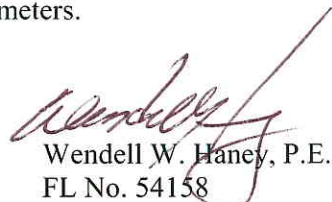
Report No.: FL-9328.1
Date: August 1, 2007
Product Category: Structural_Components
Product sub-category: Products Introduced as a Result of New Technology
Product Name: 2" x 8" Trac Self-Mating Beam (SMB)
Manufacturer: Pool Enclosure Collective, LLC
P.O. Box 10039
Tampa, FL 33679
Phone 813.857.9955

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Wendell W. Haney, P.E. (System ID # 1993) for Pool Enclosure Collective, LLC based on Rule Chapter No. 9B-72.070, Method 1d of the State of Florida Product Approval, Department of Community Affairs-Florida Building Commission.

RW Building Consultants and Wendell W. Haney, 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.

This product has been evaluated for use in locations adhering to the Florida Building Code (2004Edition)

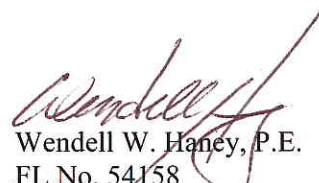
See Drawing No. FL-3675 prepared by R W Building Consultants, Inc. and signed and sealed by Wendell W. Haney, P.E. (FL # 54158) for specific use parameters.



Wendell W. Haney, P.E.
FL No. 54158
August 1, 2007

Limitations


1. The 2" x 8" Trac Self-Mating Beam (SMB) have been evaluated and meet the requirements for use within the State of Florida including the "High Velocity Hurricane Zone".
2. Site specific engineering must accompany this product approval for each structure installed.
3. Size Limitations:
2" x 8" Trac Self-Mating Single Span Beam (SMB) Maximum Span: 40'0"
2" x 8" Trac Self-Mating Beam (SMB) Mansard Maximum Span: 52'0"
4. See drawing FL-3675 for size and design pressure limitations.



Wendell W. Haney, P.E.
FL No. 54158
August 1, 2007

Supporting Documents

- A Drawing
1. Drawing No. FL-3675 prepared by R W Building Consultants, Inc. (Florida Board of Professional Engineers Certificate of Authorization No. 9813), signed and sealed by Wendell W. Haney, P.E.
- B Tests
1. Testing per ASTM E529-04 as performed by Testing Evaluation Laboratories, Inc. and reported in test report TEL 07-01330199, dated July 27, 2007, signed by Wendell W. Haney, P.E.
- C Calculations
1. Product anchoring is in accordance with manufacturer's published recommendations as substantiated by tested specimens reported in test report TEL 07-01330199.
- D Other
1. Certificate of Participation issued by PFS Corporation, certifying that Pool Enclosure Collective, LLC is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.



Wendell W. Haney, P.E.
FL No. 54158
August 1, 2007