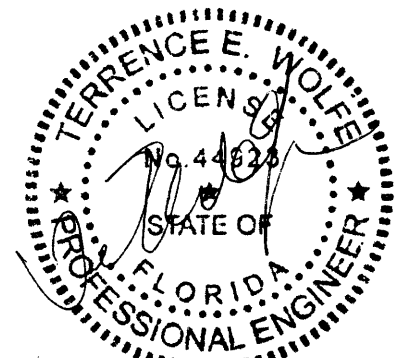


**MID FLORIDA
Metal Roofing
& Supply, Inc.**

PRODUCT EVALUATION REPORT
26 Ga. PBR Roof Panel over Open Framing

Engineer Evaluator:
Terrence E. Wolfe, P.E. # 44923
2405-a S. Houston Ave., Suite 500
Humble, TX 77396

Validator:
Locke Bowden, P.E., FL #49704
200 Eton Road
Montgomery, AL 36109



FEB 22 2007

Reference: 9B-72.070(4), F.A.C.

MANUFACTURER:

Mid Florida Metal Roofing & Supply, Inc.
27622 County Road 561
Tavares, FL 32778

SUBJECT:

Cold-formed, through-fastened, steel roof panels.

PANEL DESCRIPTION:

PBR, 26 Ga. (.019"), 36" wide, Grade 80, $F_y = 80$ ksi, through fastened, structural metal roof panel applied over open framing.

CODE CRITERIA:

Florida Building Code 2004:
Chapter 15: Roof Assemblies and Rooftop Structures
Chapter 16: Structural Loads
Chapter 22: Steel

TECHNICAL DOCUMENTATION SUPPORTING COMPLIANCE STATEMENT

A. DRAWINGS

1. Erection Drawings

B. TESTS

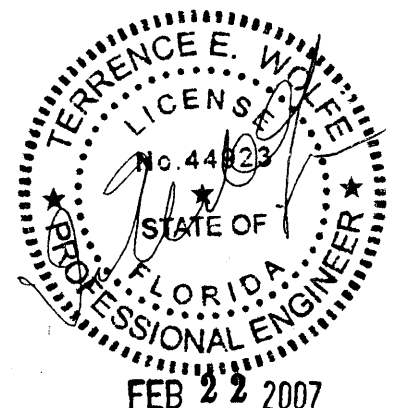
1. Test report numbers 194-0338T-06A & B dated 2-15-07 Force Engineering & Testing, Inc. for
 - a) ASTM E 1592-01, per FBC, Standard Test Methods for Structural Performance of Sheet Metal Roof and Siding System by Uniform Static Air Pressure Difference

C. MATERIAL

1. 0.019" min coated steel Grade 80 $F_y = 80$ ksi.

D. LOAD TABLE

1. PBR 26 Ga. design load table over open framing based on AISI 2001 and ASTM E1592-01 Testing.



INSTALLATION REQUIREMENTS: See uploaded erection drawings

LIMITATIONS AND CONDITIONS OF USE FOR NON-HVHZ:

Maximum Wall Component Pressures: +60.0 psf @ 5'-0" O.C.
-42.5 psf @ 5'-0" O.C.

Substrate Description: Min. 16ga designed by a Florida P.E.

Substrate Attachment: Designed by Florida P.E.

Fire Barrier: Not evaluated

Insulation: Vinyl or reflective foil faced fiberglass batt insulations that have a flame spread rating of no more than 25 and a smoke development rating of not more than 450.

Shear Diaphragm: Wall shear diaphragm values are outside the scope of this report.

DESIGN PROCEDURE:

Based on the dimensions of the structure, appropriate loads are determined using Chapter 16 of the FBC for wall cladding wind loads. These component wind loads for wall cladding are compared to the allowable negative/positive pressures listed in the load table for the wall panel. The design professional shall select the appropriate erection details to reference in his drawings for proper fastener attachment to his structure and analyze the panel fasteners for pullout and pullover. Support framing must be in compliance with FBC Chapter 22 for steel, and Chapter 16 for structural loading.

CERTIFICATE OF INDEPENDENCE: See upload attachments

AUTHORIZED REPRESENTATIVE:

Terrence E. Wolfe, P.E. #44923

