

Gulf Coast Supply & MFG, Inc.

PRODUCT EVALUATION REPORT

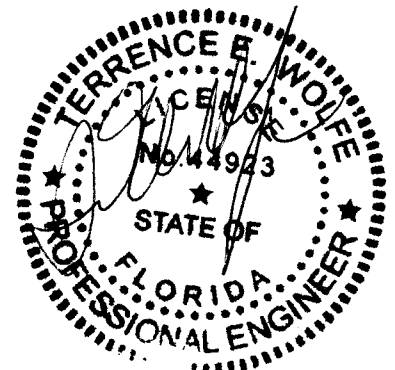
Tuff Rib Panel 29 GA

Engineer Evaluator:

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

Validator:

Locke Bowden, P.E.
Florida Registration #49704
200 Eton Road
Montgomery, AL 36109



JUN 23 2006

Reference: 9B-72.130(2), F.A.C.

MANUFACTURER:

Gulf Coast MFG & Supply, Inc.
Route One - Box 112
Horseshoe Beach, FL 32648
352-472-7199

STATEMENT OF COMPLIANCE WITH THE FOLLOWING CODE CRITERIA:

Florida Building Code 2004:
Chapter 15: Roof Assemblies
 Section 1504.3.2 ;1505.3; 1507.4,
Chapter 16: Structural Loads
Chapter 22: Steel
 Section 2209 Cold-form Steel
Chapter 23: Wood

PRODUCT DESCRIPTION:

29ga (.0145") 36" wide, through fastened, structural metal panel over open framing

TECHNICAL DOCUMENTATION SUPPORTING COMPLIANCE STATEMENT

A. LOAD TABLE OVER PURLINS

B.DRAWINGS

1. Erection Drawings, Florida Product Approval prepared by Force Engineering & Testing, Inc. reviewed by Terrence E. Wolfe, P.E..

C.TESTS

1. Test reports by Force Engineering & Testing, Inc. for
 - a) UL 580-94, per FBC, Uplift Resistance of Roof Assemblies dated April 5, 2006
 - b) UL 1897-98, per FBC, Uplift Tests for Roof Covering Systems dated April 5, 2006.

D. MATERIAL CERTIFICATIONS

1. United States Steel Corporation ASTM 792 Grade 80 AZ55 Sheet Coil, .0142 min coated steel dated 06/28/04.

INSTALLATION REQUIREMENTS: See uploaded erection drawings

LIMITATIONS AND CONDITIONS OF USE FOR NON-HVHZ:

Maximum Roof Uplift Pressure: -76.75 psf

Maximum Roof Panel Fastener Spacing: 24 inches o.c.

Minimum Roof Slope limitations: 2:12

Substrate Description: Min. 1X4 No. 2 S.P. Purlins or FL. P.E. designed equal

Substrate Attachment: Designed by Florida P.E.

Fire Barrier: Not evaluated

Insulation: Fiberglass Batt insulation with a vinyl facer shall have a flame spread index of not more than 25 and a smoke developed index of not more than 450 per Section 719.3 of the FBC 2004.

DESIGN PROCEDURE:

Based on the dimensions of the structure, appropriate loads are determined using Chapter 16 of the FBC for roof cladding wind loads. These component wind loads for roof cladding are compared to the allowable negative pressure listed in the load tables. The design professional shall select the appropriate erection details to reference in his drawings for proper fastener attachment to his structure. Support framing must be in compliance with FBC Chapter 23 for wood and Chapter 16 for structural loading.

CERTIFICATE OF INDEPENDENCE: See upload attachments

AUTHORIZED REPRESENTATIVE:

Terrence E. Wolfe, P.E.
FL# 44923