

Union Corrugating

Product Evaluation Report for

1.5" Snap Lock 24 Ga. 16" Wide over ½" Plywood

Florida Product Approval # **9443.1-R1**

Category: Roofing

Subcategory: Metal Roofing

Compliance Method: 9B-72.070(1)(d)

HVHZ

Engineer Evaluator:

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Validator:

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Minimum Roof Slope: 2:12. Minimum Slope shall comply with FBC 2007, Section 1507.4.2 and Manufacturers recommendations.

Substrate Description: Minimum 15/32" plywood designed in accordance w/ FBC 2007

Vapor Barrier: 30# Asphalt Saturated organic felt paper in compliance with ASTM D226, Type I or Type II.

Fire Barrier: ¼" Georgia Pacific "Dens Deck" or manufacturer approved equal.

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

Design Procedure:

Based on the dimensions of the structure, appropriate wind loads are determined using Chapter 16 of the FBC 2007 for roof cladding wind loads. These component wind loads for roof cladding are compared to the allowable pressures listed above. 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, Chapter 23 for wood and Chapter 16 for structural loading.

Installation Requirements:

Install the panel system according to the manufacturer's installation instruction and RAS 133

Quality Assurance Entity:

Keystone Certifications, Inc: [FBC #QUA1824](#)

Certificate of Independence:

See uploaded attachments

Authorized Representative:

Terrence E. Wolfe, P.E. #44923

⁽ⁱ⁾ The Test Reports are owned by Metalforming, Inc. Metalforming, Inc. gives the above manufacturer permission to use these test reports.

⁽ⁱⁱ⁾ The TAS 125 tests were not tested with self-adhered underlayments bonded to plywood.

