

Thompson Architectural Metals Company

Product Evaluation Report for

26 Ga. Hip/Ridge Channel for Tile Roof

Florida Product Approval # 2479.1-R1

Category: Roofing

**Subcategory: Roofing Accessories that are an Integral Part of the Roofing
System**

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

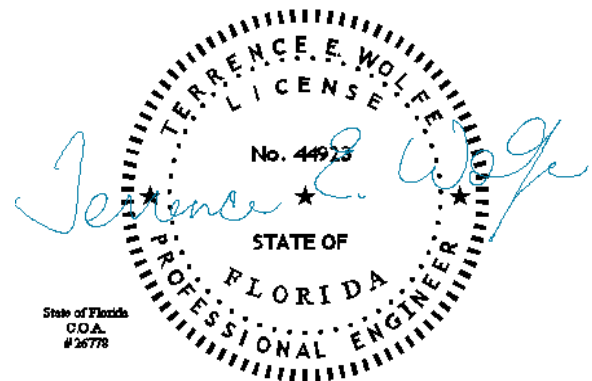
HVHZ

Engineer Evaluator:

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Humble, TX 77338

Validator:

Locke Bowden, P.E., FL #49704
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Product Manufacturer:
Thompson Architectural Metals Company
5015 E Hillsborough Ave.
Tampa, FL 33610

Product Description:

26 Ga. Pre-Formed metal channel designed for use as a hip or ridge base to which roof tiles are bonded to.

Channel Dimensions: 6" Tall x 5" Wide x 10' Long

Compliance Statement:

The product as described in this report has demonstrated compliance with the Florida Building Code 2007, Section 1715.2.1.

Documentation Supporting the Compliance Statement:

The product has been tested by PRI Asphalt Technologies Project # LVTI-009-02-01 in accordance with:

- SBCCI SSTD 11-99 Test Standard for Determining Wind Resistance of Concrete or Clay Roof Tiles.

Limitations and Conditions of use for HVHZ & NON-HVHZ:

Maximum Uplift Resistance: 235.1 psf

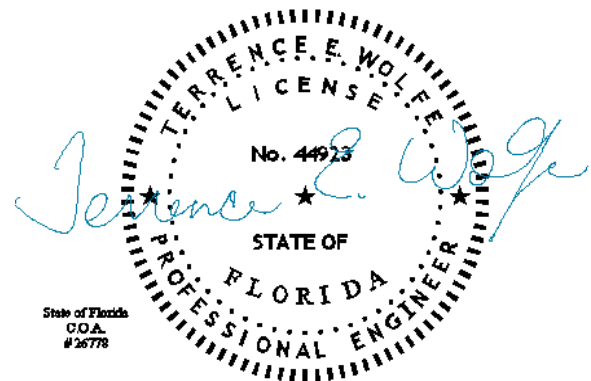
Channel Material Standard: 26 Ga. ASTM A653. Material shall comply with FBC, Section 1507.4.3

Channel to Wood Deck Fasteners: 11 Ga. min 1-1/2" long Corrosion Resistant, Annular Ring Shank Roofing Nails @ 6" O.C. along both channel flanges.

Substrate Description: Minimum 15/32" plywood. Must be designed in accordance w/ FBC Chapter 23.

Tile: Clay or Concrete Hip/Ridge Profile. Tile is not part of this Product Approval and must meet FBC 2007.

Tile Attachment: A Single 35 gram, 3" x 8" strip of Polyfoam, polypro AH-160 Tile Adhesive or approved equal, was placed starting 2" from the head of the tile and extending down the center of the channel.



Installation:

HVHZ: Install per manufacturers recommended installation details and RAS 118, RAS 119 & RAS 120.

NON-HVHZ: Install per manufacturers recommended installation details.

Quality Assurance Entity:

Keystone Certifications, Inc: FBC #QUA1824

Certificate of Independence:

See uploaded attachments

Authorized Representative:

Terrence E. Wolfe, P.E. #44923

