

# Tile Ridge & Hip Channel

## Metal Alliance, Inc:

2120 SW Poma Dr | Palm City FL 34990

Produced by Metal Alliance's Network of Approved Regional Manufacturers

## Product Description

Preformed metal channel for use as support for tile ridge and hip. Heights range from 3" to 8" with multiple profile shapes.

## Product Material

26ga (min) steel

*26ga is nominally 0.0179" with yield strength of at least 50ksi, and shall be corrosion resistant per FBC 1507.4.3 where required.*

## Fastener

Approved roofing nail. *Compliant with FBC 1506.6 where required.*

## Substrate/Deck

15/32" (min) plywood or 3/4" (min) thick wood plank (min S.G. of 0.42)

## EVALUATED BY:

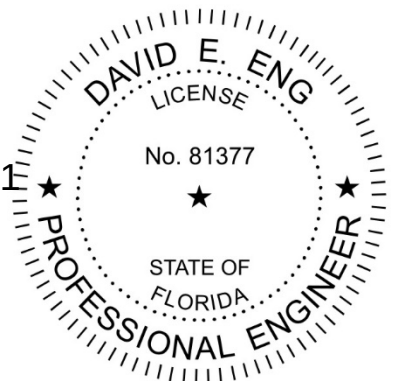
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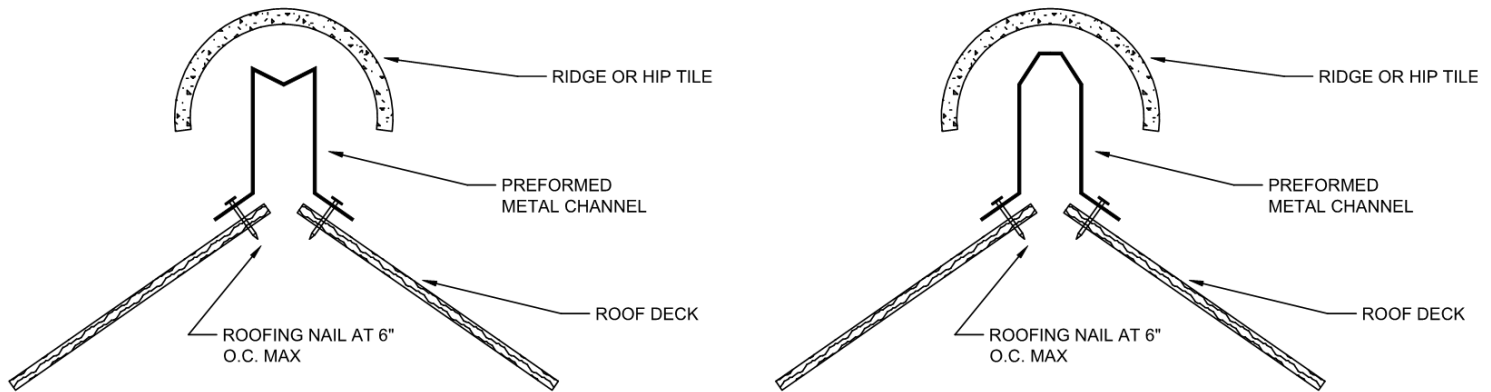
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This item has been digitally signed and sealed by David Eng, PE on the date indicated. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



**Installation Method:** Comply with applicable building code and manufacturer's recommendations. Attach metal channel with roofing nails in both flanges at 6" o.c. All fastener penetrations shall be sealed with plastic roof cement or other sealant. Fasteners and sealant to comply with applicable building code requirements.

Installation shall be per RAS 118, RAS 119, and/or RAS 120.



**High Velocity Hurricane Zone:** This product is approved for installation in Miami-Dade & Broward counties, and other jurisdictions which require HVHZ or NOA approvals.

**Compliance Statement:** This product as described has demonstrated compliance with Florida Building Code 2023, 1507.3.8 (non-HVHZ) and 1518.8.1 (HVHZ), as required by FL Rule 61G20-3, method 1D.

This product shall be installed in compliance with one or more of:

- RAS 118, 3.11.C (see drawing 13, detail 3)
- RAS 119, 3.13 (see drawing 12, detail 3)
- RAS 120, 3.10 (see drawing 15, detail 3)

**Design Process:** This evaluation leverages the prescriptive structural requirements of the 2023 FBC in RAS 118, RAS 119, and RAS 120. Engineering analysis may be completed by other licensed engineers for project specific approval by local authorities having jurisdiction.

**Notice to Other Entities:** This product approval applies only to metal supplied by Metal Alliance or its formally approved manufacturing partners. Other manufacturers, distributors, installers, engineers, architects, or other parties relying on this approval for any product not supplied by Metal Alliance assume full, strict product liability. Traceability of coil, audited quality assurance programs, and compliance with FAC 61G20-3 are solely the responsibility of the entity relying on this approval. Metal Alliance assumes no liability for non-compliance or product performance for any product relying on this approval but not supplied by Metal Alliance.

**Certification of Independence:** David Eng, PE and Timberlake Cove, LLC do not have, nor will acquire a financial interest in any company manufacturing or distributing products under this evaluation. The same entities do not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

**Exclusions and Limitations:** Design of deck and roof structure (to include attachment of plywood or wood plank) shall be completed by others. Attachment of tile ridge/hip cap to the preformed metal channel is outside the scope of this evaluation. Fire classification and shear diaphragm design are outside the scope of this evaluation. Accelerated weathering/salt spray is outside the scope of this evaluation.

This report is limited to compliance with the requirements of FBC 1507.3.8, as required by Rule 61G20-3. Neither Timberlake Cove nor the manufacturer shall be responsible for any conclusions, interpretations, or designs made by others based on this evaluation report. This report is limited solely to documenting compliance with Rule 61G20-3, and makes no express or implied warranty regarding performance of this product. Installation shall be subject to the local building code and authority having jurisdiction; this report shall not be construed to supersede local codes in force.