



Metal Hip and Ridge Cover

Product Description

Metal Hip and Ridge Cover, tested in accordance with ANSI/MCA FTS-1 as required by FBC 1504.3.1.1.

Manufacturer

AMERICAN METAL SUPPLY LLC | 2719 Alt Us Hwy 27 S | Sebring FL

Or approved manufacturing partner

Hip and Ridge Cover Material

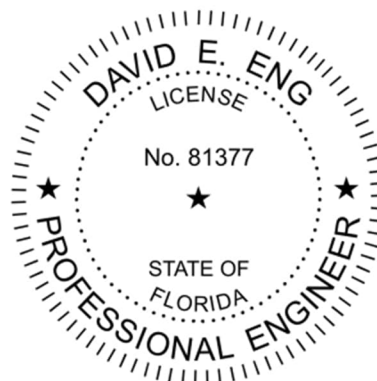
26ga (min) or 032 aluminum. Comply with FBC 1507.4.3 where required. 26ga steel (min) means any thicker gauge steel is acceptable (e.g. 24ga or 22ga steel is acceptable). 032 aluminum is nominally 0.032". Thicker aluminum is acceptable (e.g. 040 aluminum is acceptable).

Fasteners

Comply with FBC 1506.6 and FBC 1711 where required.

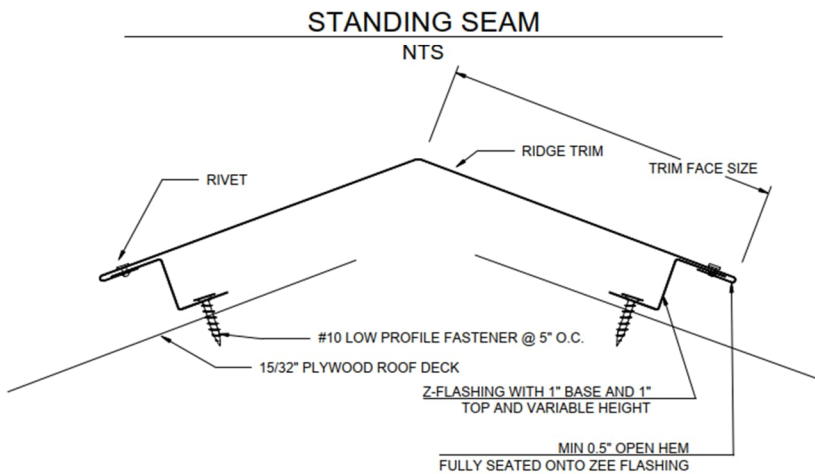
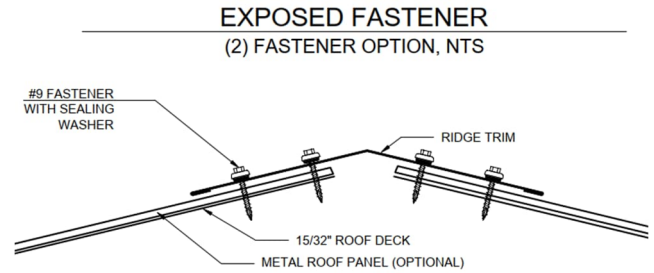
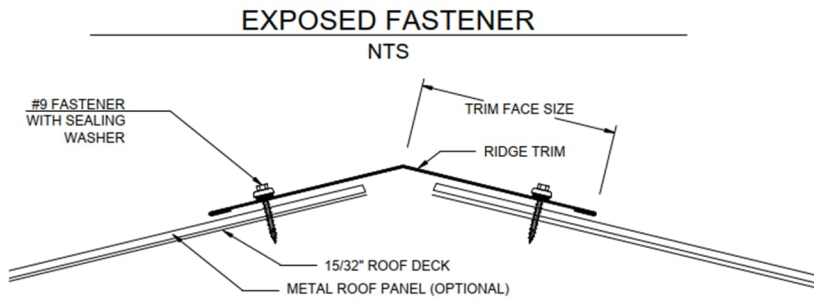
Evaluated by:

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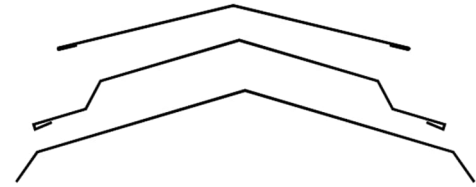


David E Eng
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This item has been digitally signed and sealed by D.E. Eng, PE, on the date indicated. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies



OTHER CAP STYLES ARE ACCEPTABLE PROVIDED FASTENERS PENETRATE UNDERLYING ROOF DECK. SEVERAL EXAMPLES SHOWN BELOW; NOT AN EXHAUSTIVE LIST



Maximum Allowable Loads & Installation Requirements:

Material	Type	Fastener	Size (max)	PSF	Size (alt)	PSF	Additional Requirements
032 Aluminum (nominal, or thicker)	Standing Seam	#10 fasteners in Z-flashing at 5" o.c. max (4 per 16" panel)	7"	95.5	6.25"	106.9	1/8 rivet through cap at 12" o.c. max
26ga steel (min)	Standing Seam	#10 fasteners in Z-flashing at 5" o.c. max (4 per 16" panel)	7"	64.5	6.25"	72.2	1/8 rivet through cap at 12" o.c. max
			7"	100.5	6.25"	112.5	1/8 rivet through cap at 9" o.c. max
			7"	136.5	6.25"	152.8	1/8 rivet through cap at 6" o.c. max
			7"	172.5	6.25"	193.2	1/8 rivet through cap at 3" o.c. max
26ga steel (min)	Exposed Fastener: Rib (Any panel with ribs at 9" o.c.)	#9 fastener through rib and into plywood	9"	90.5	6.25"	130.4	None
	Exposed Fastener: PBR/5V (Any panel with ribs at 9" o.c.)		9"	170.5	6.25"	245.6	Use (2) fastener option OR add additional fastener at midpoint between ribs
	Exposed Fastener: PBR/5V (Any panel with ribs at 12" o.c.)		9"	63.9	6.25"	92.0	None
	Exposed Fastener: PBR/5V (Any panel with ribs at 12" o.c.)		9"	127.9	6.25"	184.1	Use (2) fastener option OR add additional fastener at midpoint between ribs

The max allowable loads shown have been reduced by appropriate factors of safety per AISI S100. FS varies between 2.53 and 3.08.

Exposed fastener option: Install #9 (min) fastener through metal hip/ridge cover and into underlying deck (min 15/32" plywood or better). Fastener must be long enough to fully penetrate roof deck.

Standing seam option: Install zee flashing with min 1" base, 1" top, and variable height using #10 (min) low-profile fasteners at 5" o.c. max (4 fasteners per 16" panel width). Metal hip/ridge cover has min 0.5" open hem that seats fully onto the top of the zee flashing. Install 1/8" (min) rivet through top of metal hip/ridge cover, zee, and open hem below.

Technical Documentation: This product has been tested to FTS-1 by PRI (TST-15898), reports 2986T0001A, 2986T0001B, 2986T0001C, and 2986T0001D. Tests used with permission for FBC 2026.

Compliance Statement: This product as described has demonstrated compliance with Florida Building Code 2026 (9th Edition), 1504.3.1.1 as required by FL Rule 61G20-3, method 1D.

This product as described has been tested in accordance with:

- ANSI/MCA FTS-1 – Test Method for Wind Load Resistance of Flashings Used with Metal Roof Systems

Design Process: Compare the maximum allowable loads on page 2 to the ASD uplift pressures for the project to determine sufficiency and installation requirements. Determine project uplift pressures using ASCE 7-22, FBC R301, project design documents, guidance from local building department, or other design professionals. Engineering analysis may be completed by other licensed engineers for project specific approval by local authorities having jurisdiction.

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: This report is limited to metal hip and ridge cover. Design of deck and roof structure (to include attachment of plywood or wood plank) shall be completed by others. Design of roof covering shall be by others. 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 reporting compliance with the testing requirements for metal hip and ridge cover per FBC 1504.3.1.1, 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.