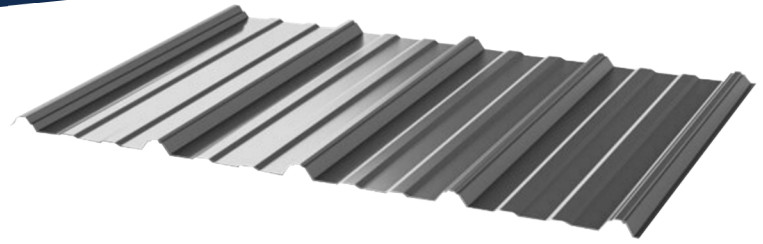


FLORIDA PRODUCT APPROVAL
FL #47981.01 R1
LOW RIB



Product Description: Exposed fastener panel with nominally $\frac{3}{4}$ " tall ribs spaced at 9" o.c. across panel coverage of 36".

Product Material: 29ga steel. Thicker steel (26ga or 24ga) may be used.

Fastener: #12 x 1-inch fastener with sealing washer. *Compliant with FBC 1506.6 and FBC 1711 where required.*

Structural Supports: 18ga (min) steel structural member.

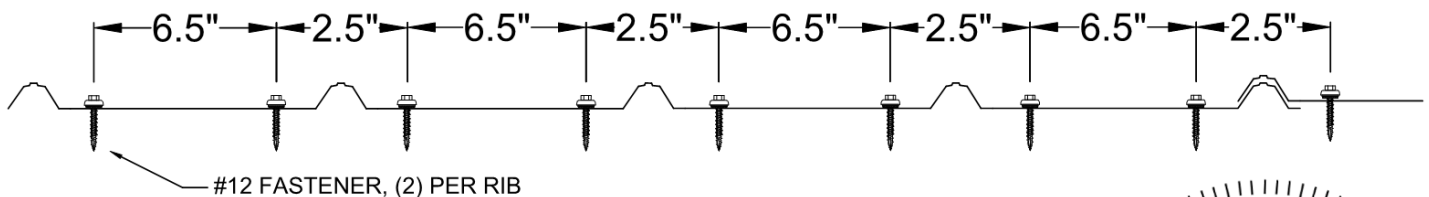
Maximum Allowable Loads & Installation Requirements:

Method	Fastener Pattern	Allowable Pressure
Method A	Fasteners on both sides of rib, 6.5"-2.5" pattern (2 per rib), with purlins at 48" o.c.	-75 PSF
Method B	Fasteners on both sides of rib, 6.5"-2.5" pattern (2 per rib), with purlins at 24" o.c.	-140 PSF

A factor of safety of 2 has been applied. Pressures may be interpolated for purlin spacing between 48" and 24".

METHOD A: 48" OC

METHOD B: 24" OC

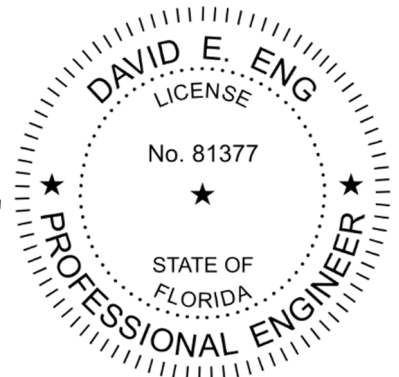


EVALUATED BY:

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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.



Underlayment: This is a structural metal panel that does not require a substrate or underlayment, per FBC 1507.1.1, exception 2.

Slope: Comply with local building code or FBC 1507.4.2 where required.

Re-Roofing: This panel may be installed over a single layer of existing roofing as permitted by local building code or FBC 1511, provided the existing roof meets the conditions required by the applicable code.

Metal Hip & Ridge Cover: Comply with local building code or FBC 1504.3.1.1 where required.

Technical Documentation: This product has been tested to the ASTM E1592 standard by Intertek Testing (TST-1527), report S1850.02-450-44 R1.

Compliance Statement: This product as described has demonstrated compliance with Florida Building Code 2026 (9th Edition), 1504.3.2 (non-HVHZ) as required by FL Rule 61G20-3, method 1D. This product as described has been tested and demonstrated compliance with:

- ASTM E1592 – Standard Test Method for Structural Performance of Sheet Metal Roof

Design Process: Compare the maximum allowable loads on page 1 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: Design of deck and roof structure (to include attachment of plywood or wood plank) shall be completed 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. Metal hip and ridge cover is outside the scope of this evaluation.

This report is limited to compliance with structural wind load requirements of FBC 1504.3.2, 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.