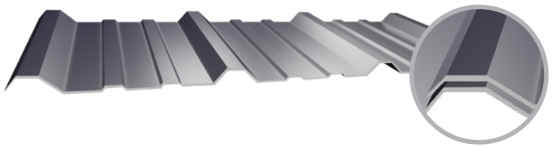
PBR

26ga (min) 1-1/4” exposed fastener PBR wall panel over 16ga (min) girts



Product Description: Exposed fastener PBR panel with a 36” coverage, and nominal rib height of 1-1/4”.

Product Material: 26ga steel (min). Corrosion resistant per FBC 1507.4.3 where required.

Fastener: #12 x 1.25” fastener with sealing washer. Size fastener to fully penetrate steel purlin ½”. ¼” sidelap fastener at 20” o.c. max. *Compliant with FBC 1506.6 and FBC 1711 where required.* Larger diameter and longer length fasteners are acceptable. Stainless fasteners are acceptable.

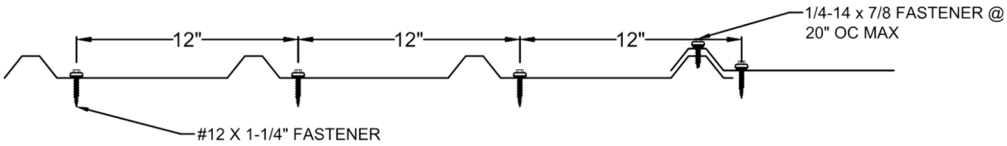
Substrate/Deck: 16ga (min) girts

Maximum Allowable Loads & Installation Requirements:

Method	Fastener Pattern	Fastener Spacing	Allowable Pressure
Method A	#10 x 1.25” fastener in 12”-12” pattern	60” o.c	±53.5 PSF
Method B	#10 x 1.25” fastener in 12”-12” pattern	30” o.c.	+160 PSF | -146.6 PSF

Interpolation of allowable loads for purlin spacings between 60” and 30” is permitted.
A factor of safety of 2 has been applied.

12"-12" PATTERN
USE OC SPACING SHOWN IN TABLE



EVALUATED BY:

David Eng, PE
Timberlake Cove, LLC
FL PE 81377 • FL CA 33344
1317 Edgewater Dr Ste 2339
Orlando FL
timberlakecove.com

David E Eng
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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.

DAVID E. ENG
LICENSE
No. 81377
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Technical Documentation: This product has been tested to the TAS 202 & ASTM E330 standard by Intertek Testing (TST-1527), report M5026.02-450-18. Test used with permission.

Compliance Statement: This product as described has demonstrated compliance with Florida Building Code 2026 (9th Edition), Section 1403.3 (wind loading only, non-HVHZ), as required by FL Rule 61G20-3, method 1D.
This product as described has been tested and demonstrated compliance with:
• TAS 202 – Criteria for Testing Impact & Non Impact Resistant Building Envelope Components using Uniform Static Air Pressure (Structural testing only)
• ASTM E330 – Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights, and Curtain Walls by Uniform Static Air Pressure Difference (preload at 50%, gauges not reset)

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.