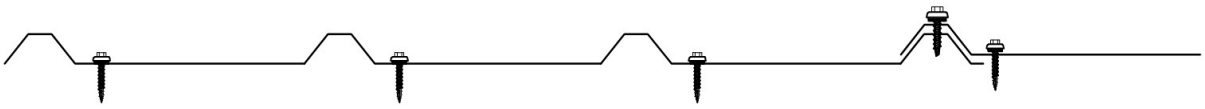
26ga PBR Wall on 16ga girts



Product Description: PBR exposed fastener panel with 36" coverage and a nominal rib height of 1.25"

Product Material: 26ga (min) steel.

Fastener: #12 1.25-inch fastener with sealing washer, *¼" sidelap fastener at 20" o.c. max.*

Girts: 16ga (min) steel

Manufactured by: AION METALS
PO Box 649 Palm City, FL 34990
Or approved manufacturing partner

Evaluated by: David Eng, PE | Timberlake Cove, LLC
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DAVID E. ENG
LICENSE
No. 81377
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

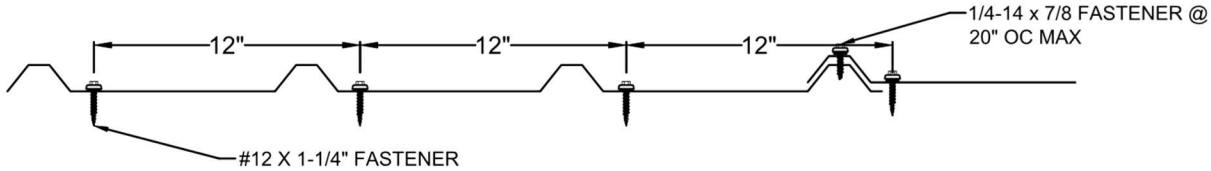
Digitally signed by David E Eng
Date: 2023.12.19 22:31:29-05'00'

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

Maximum Allowable Loads & Installation Requirements:

Method	Fastener Pattern	Fastener Spacing	Allowable Pressure
Method A	#12 x 1.25" fasteners in 12"-12" pattern (1 per rib)	60" o.c.	+53.5 PSF | -53.5 PSF

A factor of safety of 2 has been applied.



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

Compliance Statement: This product as described has demonstrated compliance with Florida Building Code 2023, 1709.2 (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 by Uniform Static Air Pressure Difference (preload at 50%, gauges not reset)

Design Process: Compare the maximum allowable loads on page 2 to the ASD pressures for the project to determine sufficiency and installation requirements.

Notice to Other Entities: This product approval applies only to metal supplied by Aion Metals 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 Aion Metals 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. Aion Metals assumes no liability for non-compliance or product performance for any product relying on this approval but not supplied by Aion Metals.

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 the structure 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.

This report is limited to compliance with structural wind load requirements of FBC 1709.2, 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.