



EMR SERIES PBR

FL 46672.02 R0

EMR Series PBR
PBR Wall Panel (36" Wide)
Standard Size

Approved for installation inside the
HVHZ (Miami-Dade & Broward
counties)

Panel Material (as tested):

26ga (min) steel. *Corrosion resistant per FBC 1507.4.3 where required.*

Panel Description:

Exposed fastener PBR wall panel. Nominally 1.25" tall rib and 36" (max) coverage.

Deck/Substrate:

16ga (min) steel framing

Available Options:

24ga also available and acceptable (*24ga is thicker than 26ga min*).

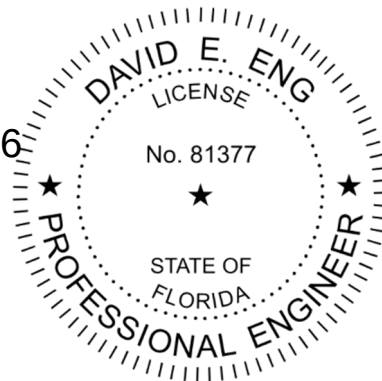
EVALUATED BY:

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A handwritten signature in red ink, appearing to read "David E. Eng", is placed over a blue rectangular digital seal.

Digitally signed
by David E Eng
Date: 2024.04.16
07:06:15-04'00'

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.



ELITE METAL ROOFING SUPPLY LLC

PO BOX 938
PORT SALERNO, FL 34992

Non-High Velocity Hurricane Zone (Non-HVHZ):

This product *is approved for installation* **outside** the HVHZ (Miami-Dade & Broward counties). References to HVHZ sections of the FBC (e.g. Fire Barrier) generally do not apply when the product is installed outside of the HVHZ.

High Velocity Hurricane Zone (HVHZ):

This product *is approved for installation* **inside** the HVHZ (Miami-Dade & Broward counties), and other jurisdictions which require HVHZ or NOA approvals. Comply with HVHZ elements of the FBC where required.

Trim and Flashing Details:

Outside the scope of this approval; refer to manufacturer's recommendations. Comply with RAS 133 where required.

Maximum Allowable Loads:

Min. Fastener (<i>larger diameter and longer fasteners are acceptable</i>)		#12 x 1.25" with sealing washer in 5"-7"-5" pattern (two per rib). #12 lap fastener in sidelap at 24" o.c. max.
Support Spacing (in)	Max Design Pressure (psf)	
30	+160/-146.6	
36	+138.6/-127.9	
42	+117.3/-109.3	
48	+96/-90.6	
54	+74.6/-72	
60	+53.3/-53.3	

Notes:

Compare allowable pressures required for the project to the maximum allowable design pressure above and select any option which meets or exceeds the pressures required for the project

Design pressure is based on testing at 150% overload per TAS 202.



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Technical Documentation:

This product has been tested to the TAS 201 standard by Intertek Testing (TST-1527), report I4914.03-450-18 and to TAS 202, report M5026.05-450-18. Tests are owned by Lara IP, and used with permission.

Compliance Statement:

This product as described has demonstrated compliance with Florida Building Code 2023, 1403.3 (wind loading only, **non-HVHZ**), and 2222.4.2.2 (**HVHZ**), as required by FL Rule 61G20-3, method 1D.

This product as described has been tested and demonstrated compliance with:

- TAS 201: Impact Test Procedures
- TAS 202: Testing Building Envelope Components Using Uniform Static Air Pressure

Panel Labeling:

Products sold in the HVHZ that require labeling shall bear the following or similar label. Other labeling in accordance with FBC 1523.5 shall also be permitted.



City, State
EMR Series PBR FL #46672.02

Approved for
Miami-Dade County

Design Process:

Compare the maximum allowable loads 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 substrate) 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 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.

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Panel Detail

