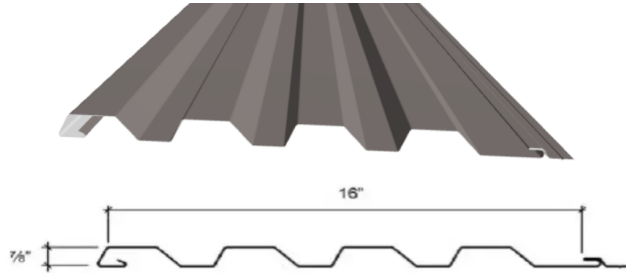


Steel Concealed Fastener Wall Panel on Steel Framing



FORTIFY
BUILDING SOLUTIONS™

Fortify Building Solutions
7313 Fairview St.
Houston, TX 77041

ABC AMERICAN
BUILDING
COMPONENTS

American Building Components
7313 Fairview St.
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CECO
Building Systems

Ceco Building Systems
7313 Fairview St.
Houston, TX 77041

MBCI

MBCI
7313 Fairview St.
Houston, TX 77041

METALLIC
BUILDING SYSTEMS

Metallic Building Systems
7313 Fairview St.
Houston, TX 77041

Metal Sales

Metal Sales
7800 Highway 60
Sellersburg, IN 47172

Metal Sales
by MBI

Metal Sales by MBI
7800 Highway 60
Sellersburg, IN 47172

MUELLER
METAL BUILDINGS, ROOFING & MORE

Mueller
1915 Hutchins Ave.
Ballinger, TX 76821

Robertson
BUILDING SYSTEMS

Robertson Building Systems
7313 Fairview St.
Houston, TX 77041

STAR
BUILDING SYSTEMS

Star Building Systems
7313 Fairview St.
Houston, TX 77041

UNION
CORRUGATING COMPANY

Union Corrugating
701 S. King St.
Fayetteville, NC 28301

Product Description

Rib panel with nominal 0.75" rib height, and panel coverage of 36". This profile may be produced with alternate names: MasterLine 16.

Product Material

24ga steel (min)

Comply with FBC 1405.2 where required.

Fastener

1/4 x 1-1/4" fastener, (2) per purlin connection

Comply with FBC 1711 where required.

Substrate/Deck

16ga steel (min)

50ksi (min)

Evaluated by:

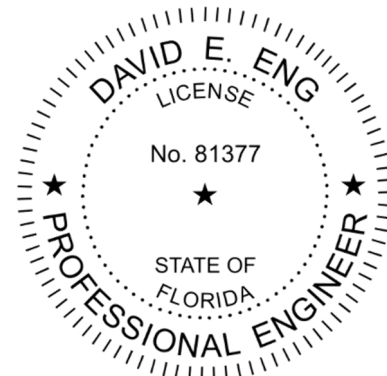
David Eng, PE

Timberlake Cove, LLC

1317 Edgewater Dr, Ste 2339 | Orlando FL

FL PE 81377 | FL CA 33344

www.TimberLakeCove.com



David Eng

David E Eng

2026.10.02 13:35:42 -06'00'



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:

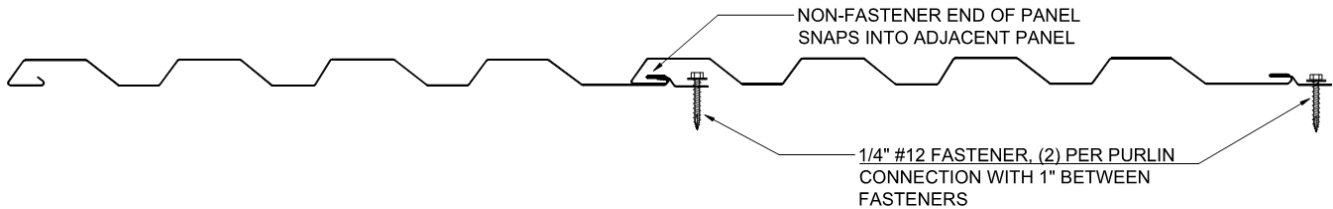
This product approval covers 1 installation configuration with 2 purlin spacings. A factor of safety of 2 has been applied to all allowable uplift pressures shown.

24ga (min) on 16ga (min) steel framing

Purlins at 60" o.c.: -49.45 psf

Purlins at 12" o.c.: -130.05 psf

Interpolation between purlin spacing is permitted

**Technical Documentation:**

This product has been tested by Force Engineering (TST5328) to the ASTM E1592 standard, report 07-0124T-23A, B

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:

- ASTM E1592 – Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference

Design Process:

Compare the maximum allowable loads to the ASD uplift pressures for the project to determine sufficiency and installation requirements.

Engineering analysis may be completed by other licensed engineers for project specific approval by local authorities having jurisdiction.

Locations and Trade Names

This product is manufactured by Cornerstone Building Brands by one or more of the following brands, and is distributed under one or more the trade names shown below. Each brand maintains a variety of manufacturing facilities and trade names, to include the ones noted here. Contact the manufacturers listed for the most up-to-date list of locations serving the Florida market.



Corporate Headquarters
5020 Weston Parkway | Cary, NC 27513



Fortify Building Solutions
7313 Fairview St.
Houston, TX 77041



American Building Components
7313 Fairview St.
Houston, TX 77041



Ceco Building Systems
7313 Fairview St.
Houston, TX 77041



MBCI
7313 Fairview St.
Houston, TX 77041



Metallic Building Systems
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Houston, TX 77041



Union Corrugating
701 S. King St.
Fayetteville, NC 28301

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.