

26GA (MIN) ALEXXA METAL TILE OVER 15/32" (MIN) PLYWOOD

FL 41502.01 R2 **HVHZ**



Product Description:

Spanish tile style metal panel with 7.25" x 13.75," x 1.75" tall waves/barrels and nominal panel coverage of 43.25"



Product Material:

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



Fastener:

#12 x 1.5" fastener with sealing washer, 3" fastener in panel overlap Compliant with FBC 1506.6 where required.



Substrate/Deck:

15/32" (min) plywood



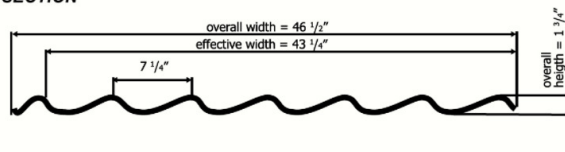
Maximum Allowable Loads & Installation Requirements:

Method A: #12 fastener in every wave/barrel: 81 PSF

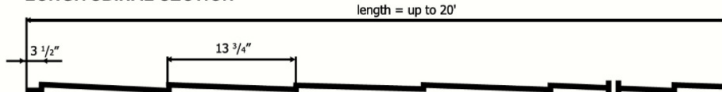
A factor of safety of 2 has been applied.



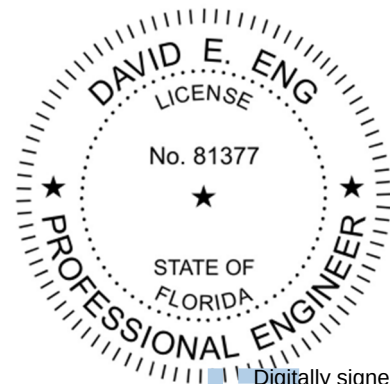
CROSS SECTION



LONGITUDINAL SECTION



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Digitally signed by
David E Eng
Date: 2023.12.12
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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.



Underlayment: Comply with local building code or FBC 1507.1.1/1518.2 where required.

Slope: Comply with local building code or FBC 1507.4.2/FBC 1515.2 where required.

Re-Roofing: This panel may be installed over a single layer of existing shingles as permitted by local building code or FBC 1511/1521, provided the existing roof meets the conditions required by the applicable code.

Fire Barrier: Comply with FBC 1516.1 and 1516.2 where required.

Technical Documentation:

This product has been tested to the following standards by Intertek Testing in York, PA (TST 1558):

- UL580/UL1897: report M4363.01-109-44 R0
- TAS 125: report: Q4290.01-109-18
- TAS 100: report Q4299.01-109-18

Compliance Statement:

This product as described has demonstrated compliance with Florida Building Code 2023, 1504.3.2 (**non-HVHZ**) and 1518.9.1/1523.6.5.2.4 (**HVHZ**), as required by FL Rule 61G20-3, method 1D; subject to the exclusions/limitations noted below.

Design Process:

Design wind loads shall be determined as required by FBC 1609, ASCE 7, or other design code in force, using allowable stress. Compare uplift design required for the project to the maximum allowable loads for the product.

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 they acquire a financial interest in any company manufacturing or distributing products under this evaluation. The same entities do not have, nor will they acquire, a financial interest in any other entity involved in the approval or testing process of the product.

Exclusions and Limitations:

Design of deck and roof structure (to include deck attachment) 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. Static water leakage 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.

