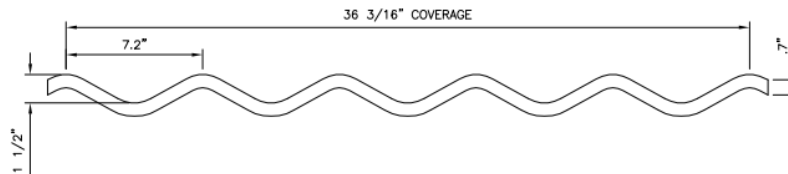


# TECHNICAL BULLETIN

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## MET-TILE 26 GAUGE



### Manufacturer's Recommended Fastening Pattern For Gable & Hip Buildings Less than 40' Maximum Roof Height Roof Pitch 7°(1.5:12 ) to 27°(6.1:12)

Allowable Wind Speed for Various Substrates <sup>1</sup>	
Substrate	Wind Speed
SPF 1.5" Min. Penetration	155 mph
SPF 1" Min. Penetration	155 mph
3/4" Plywood (5 Ply)	155 mph
5/8" Plywood (4 Ply)	155 mph
1/2" Plywood (3 Ply)	140 mph
23/32" OSB	155 mph
19/32" OSB	155 mph
7/16" OSB	135 mph

Notes:

1. Table is calculated using ASCE 7-10 "Minimum Design Loads for Buildings and Other Structures".
2. Values cannot be utilized for buildings with a peak height greater than 40'.
3. Values cannot be used for buildings with a roof pitch less than 7° or greater than 27°.
4. Fasteners are #9-15 Woodgrip with control seal washer.
5. Fasteners running parallel to the panel length are 2'-0" OC max.
6. Fastening pattern perpendicular to panel rib is 7.2" OC, i.e., one fastener per flute.
7. Fasteners at rake are 1'-0" OC
8. Fasteners at side laps are 2'-0" OC, use #1/4-14 Laptcks at 2'-0" OC (In between #9-15 Woodgrip Fasteners)
9. Calculations use pullout values provided by the screw manufacturer.
10. Factor of safety used for pullout is 3.00 when attaching to wood and 2.25 for pullover of steel roof panel.
11. Panel limited to ultimate test results of UL 1897 divided by a factor of safety of 2.0.

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