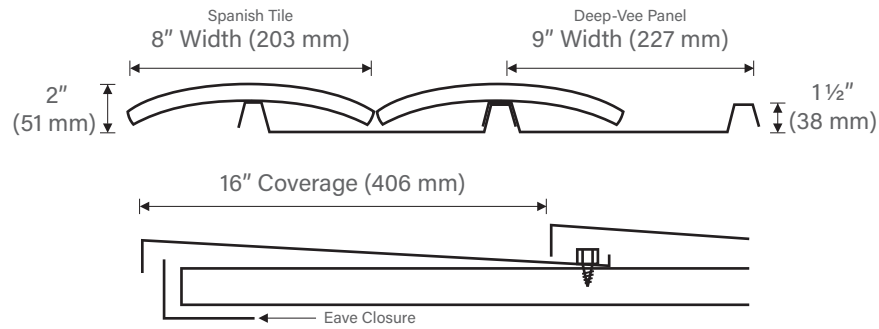


Berridge Spanish Tile

PLYWOOD



Spanish Tile Section Properties Based on 24 Gauge 40 K.S.I.

	I_x (in ⁴ /ft)	M_A (ft*lbs/ft)	V_A (lbs/ft)
Positive Bending	0.1097	217.7	1100
Negative Bending	0.0703	142.9	1100

NOTES:

1) Values based on 1996 Edition of AISI and good engineering practice.

Recommended Load (psf) Panel WT = 2.7 psf

Span (ft)	Net Vertical Dead + Live Load			Net Vertical Wind Uplift		
	1-Span	2-Span	3-Span	1-Span	2-Span	3-Span
2'-6"-3'-0"	70	70	70	90	90	90
4'-0"	65	65	70	70	90	90
4'-6"		50	60		90	60
5'-0"		40	50		70	70

NOTES:

- 1) All loads meet L/240 Deflection Criteria.
- 2) Wind Load Allowable Stresses increased by 33%.
- 3) Values based on 1996 edition of AISI and good engineering practice.

15/32" Plywood (Galvalume Substrate)

	Gauge of Panel	Spacing (in)	Fastener	Fastener Quantity	Allowable (psf)	Ultimate (psf)
Panel Fastener	24	24	#9-15 Hex-head Wood Screw	2	131	262
Tile Head Fastener	24	1/2" from Head through factory formed hole	#8 Hex-head Self-driller	1		
Tile Nose Fastener	24	1" from Nose, centered on tile	#10 Hex-head Self-driller	1		

Notes:

- 1) All test results determined through UL580 testing standards.
- 2) Refer to below diagram for pictorial clarification.



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