

FASSADE Bellara

AWIP ALLOWABLE LOAD TABLE

FASSADE with Bellara Allowable Load Table (PSF) for Three or More Spans

Attachment of Bellara to a FW40 Panel

Attachment of Bellara Steel Siding to a FW40 Panel				
Bellara Product	Bellara Gauge	FW40 Exterior Gauge	Fastener Spacing	Allowable Load (psf)
Plank 90	26 gauge	26 gauge	40" o/c attached to panel joint	57
	24 gauge	26 gauge	40" o/c attached to panel joint	84
	26 gauge	22 gauge	16" o/c attached to panel face	111
	24 gauge	22 gauge	16" o/c attached to panel face	155
Plank 135	26 gauge	26 gauge	40" o/c attached to panel joint	44
	24 gauge	26 gauge	40" o/c attached to panel joint	69
	26 gauge	22 gauge	16" o/c attached to panel face	89
	24 gauge	22 gauge	16" o/c attached to panel face	132
Plank 200	26 gauge	26 gauge	40" o/c attached to panel joint	24
	24 gauge	26 gauge	40" o/c attached to panel joint	46
	26 gauge	22 gauge	16" o/c attached to panel face	57
	24 gauge	22 gauge	16" o/c attached to panel face	80
Board & Batten 140	26 gauge	26 gauge	40" o/c attached to panel joint	40
	26 gauge	22 gauge	16" o/c attached to panel face	111
Board & Batten 260	26 gauge	26 gauge	40" o/c attached to panel joint	36
	26 gauge	22 gauge	16" o/c attached to panel face	58
Lap Siding 155	26 gauge	22 gauge	16" o/c attached to panel face	102

Notes:

1. Load span table is based on Allowable Stress Design (ASD).
2. Table is based on values derived from transverse load testing per ASTM E72, ASTM E1592, and strength of fasteners.
3. Bellara properties shown for **26 gauge exterior** and **24 gauge**. FW40 Wall Panel properties are based on 26 gauge and 22 gauge exterior.
4. 40" o/c fastens into the panel joint using #10 x 1 1/2" self-drilling pancake head fasteners.
5. 16" o/c fastens into the panel face using #10 x 3/4" self-drilling pancake head fasteners.
6. Please see the FL40 load table for FW40 allowable loads, spans and fastening.
7. Allowable loads are applicable to vertical or horizontal panel installation. Bellara and AWIP Wall Panels must be perpendicular to each other.
8. Structural design of wall supports has not been considered and must be designed the support professional.
9. Thermal effects from controlled environment and cold storage applications have not been considered.
10. Consult your AWIP representative for project specific calculations.
11. Load tables are subject to change without notice - visit www.awipanel.com for the latest information.



All Weather
Insulated Panels

1 (888) 970-AWIP (2947)
awipanel.com
sales@awipanel.com



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