

BERRIDGE FW-12 PANEL

FASTENER LEG

SPANS OVER OPEN FRAMEWORK OR SOLID SHEATHING WITH APPROVED UNDERLAYMENT

HIDDEN FASTENERS

AVAILABLE WITH OUT GROOVES

MAY BE STUCCO EMBOSSED

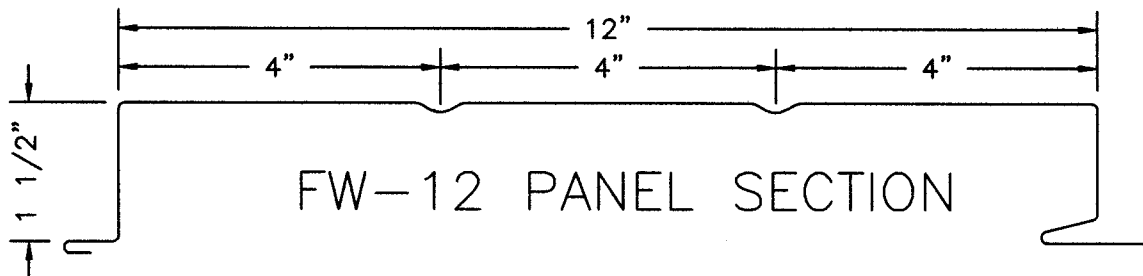
NOTES:

1. ALL LOADS MEET L/240 DEFLECTION CRITERIA. (d) DEFLECTION GOVERNS ALLOWABLES.
2. WIND LOAD ALLOWABLE STRESSES INCREASED BY 33%.
3. VALUES BASED ON 1986 EDITION OF AISI, MARCH 1987 PRINTING AND GOOD ENGINEERING PRACTICE.

SECTION PROPERTIES BASED ON 24 GAUGE 40 K.S.I.			
FW-12 PANEL	I_x (in ⁴)	S_x (in ³)	M_x (Ft.Lbs)
POSITIVE BENDING	0.0922	0.0710	1.70
NEGATIVE BENDING	0.0582	0.0644	1.54

RECOMMENDED LOAD IN POUNDS PER SQUARE FOOT Panel Weight = 1.4 p.s.f.						
SPAN (FEET)	POSITIVE WIND LOAD			NEGATIVE WIND LOAD		
	1-SPAN	2-SPAN	3-SPAN	1-SPAN	2-SPAN	3-SPAN
4'-0"	94	86	100	60d	94	110
5'-0"	48d	55	64	30d	60	71
6'-0"	28d	38	43	18d	42	43d
7'-0"	18d	28	27d	11d	31	27d
8'-0"	12d	21	18d	7d	23d	18d

For specific job application recommendations, please contact Berridge Technical Department 1-800-231-8127



DATE: 09-08-04	OVERVIEW FW-12 PANEL SYSTEM	 Berridge Manufacturing Company Roofs of Distinction
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