



INSULATED STRESS-SKIN ROOF PANELS LOAD DESIGN CHARTS

LOAD DESIGN CHART NUMBER 6 (STRESS SKIN)										
TRANSVERSE LOAD (PFS)										
7/16" OSB / EPS CORE / 1/2" MOISTURE RESISTANT DRYWALL										
PANEL SPAN		EPS CORE THICKNESS								
		3-5/8"			5-5/8"			7-3/8"		
DEFLECTION		L/360	L/240	L/180	L/360	L/240	L/180	L/360	L/240	L/180
	4'-0"	38	76	80	53	82	82	70	86	86
	6'-0"				46	60	60	56	64	64
	8'-0"				38	38	38	41	41	41

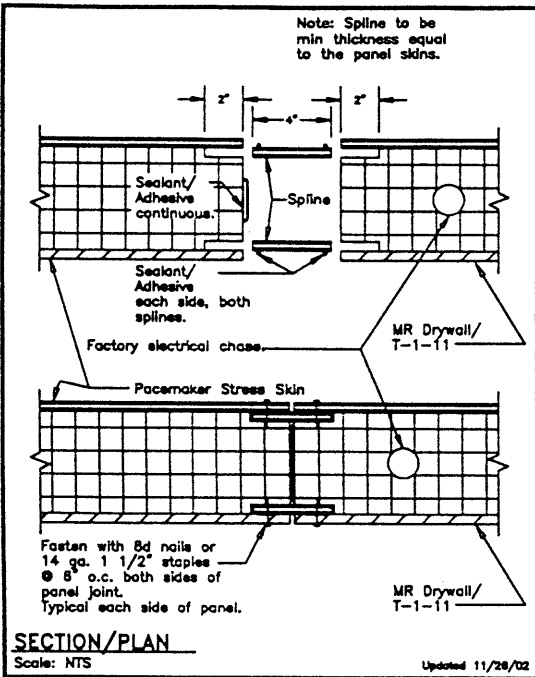
* BASED ON SAFETY FACTOR OF 3

LOAD DESIGN CHART NUMBER 6a (STRESS SKIN)							
TRANSVERSE LOAD (PFS)							
7/16" OSB / EPS CORE / 19/32" T-1-11							
PANEL SPAN		EPS CORE THICKNESS					
		5-5/8"			7-3/8"		
DEFLECTION		L/360	L/240	L/180	L/360	L/240	L/180
	4'-0"	78	131	189	56	110	165
	6'-0"	66	100	129	62	89	116
	8'-0"	53	68	68	67	67	67

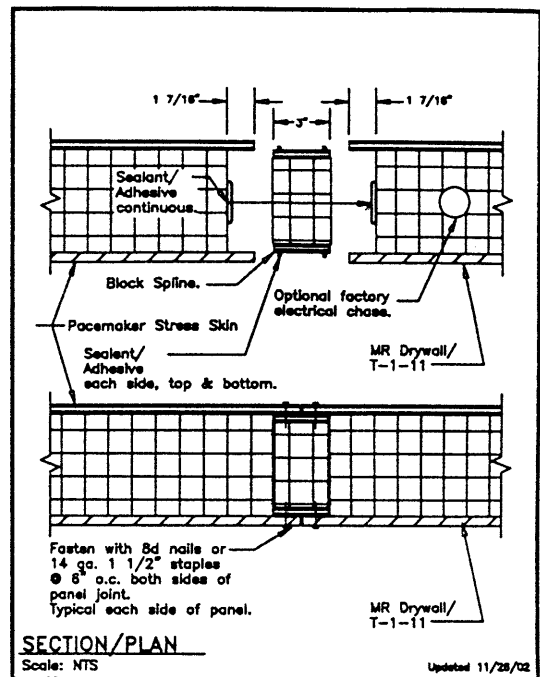
* BASED ON SAFETY FACTOR OF 3

See reverse side for Construction details and Notes.

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Pacemaker® Stress Skin
 TITLE: Spline Connection Surface Spline NO. PS-200



Pacemaker® Stress Skin
 TITLE: Block Spline Connection NO. PS-200a

NOTES:

- * Stress Skin Panels are to be used for roof applications only. Drywall or T-1-11 facer to be on the interior of the structure.
- * Minimum edge bearing for roof or ceiling is 1 1/2" with exception of engineers review.
- * Deflection criteria is L/240 (minimum) for roof loads at 3 in 12 pitch or greater.
- * For sloped panels, the loading conditions and panel capacities should be reviewed based upon the inclined panel length.
- * Stress Skin Panels should be designed to comply with the deflection limits of the applicable building code.
- * Stress Skin Panel Load Design Charts are for total load (dead load + live load). For long term deflection under sustained load (creep), additional deflection must be evaluated.

PANEL WEIGHT (psf)			
EPS CORE THICKNESS			
	3 5/8"	5 5/8"	7 3/8"
Exterior Facer: 7/16" OSB Interior Facer: 1/2" MR Drywall or 19/32" T-1-11	3.3	3.5	3.6

* Weights are approximate.



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