Specifications...

O S B

ORIENTED STRAND BOARD

EnergyLock

Surface Burning Characteristics

Flame Spread Index - Class III or Class C (76 to 200) **Smoke Developed - 130**

Above classes are certified by Underwriters Laboratories

ALLOWABLE UNIFORM ROOF LIVE LOADS FOR SHEATHING SPAN WITH LONG DIMENSION PERPENDICULAR TO SUPPROTS[1]

SHEATHING SPAN

SPAN RATING	NOMINAL PANEL THICKNESS (inch)	MAXIMUM SPAN (inches)		ALLOWABLE LIVE LOADS (psf)[3]								
		With Edge Support[4]	Without Edge Support	Spacing of Supports Center-to-Center (inches)								
				12	16	19.2	24	32	40	48	54	60
20/0	5/16,11/32	20	20	120	50	30	-	-	-	-	-	-
24/0	3/8	24	20	190	100	60	30	-	-	-	-	-
24/16	7/16	24	24	190	100	65	40	-	-	-	-	-
32/16	15/32,1/2	32	28	-	180	120	70	30	-	-	-	-
40/20	19/32,5/8	40	32	-	-	205	130	60	30	-	-	-
48/24	23/32,3/4	48	36	-	-	-	175	95	45	35	-	-
54/32	7/8,1	54	40	-	-	-	-	130	75	50	35	-
60/32	7/8,1	60	40	-	-	-	-	165	100	70	50	35
60/48	7/8,1,1-1/8	60	48	-	-	-	-	165	100	70	50	35

FLOOR SPAN

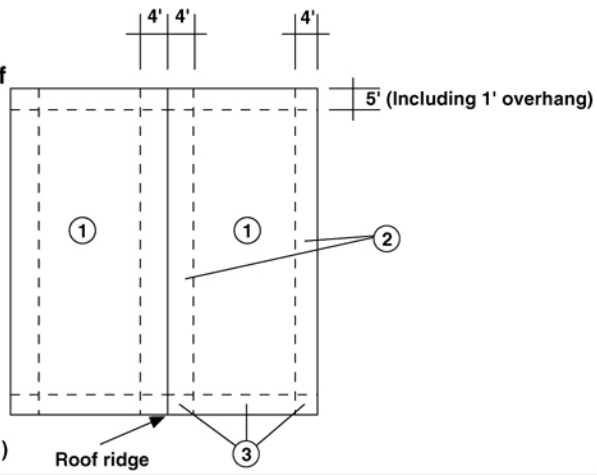
SPAN RATING	NOMINAL PANEL THICKNESS (inch)	MAXIMUM SPAN (inches)		ALLOWABLE LIVE LOADS (psf)[3]								
		With Edge Support[4]	Without Edge Support	Spacing of Supports Center-to-Center (inches)								
				12	16	19.2	24	32	40	48	54	60
16 oc	19/32,5/8	24	24	185	100	65	40	-	-	-	-	-
20 oc	19/32,5/8,3/4	32	32	270	150	100	60	30	-	-	-	-
24 oc	23/32,3/4	48	36	-	240	160	100	50	30	25	-	-
32 oc	7/8,1	48	40	-	-	295	185	100	60	40	-	-
48 oc	1-1/8,1-1/4	60	48	-	-	-	290	160	100	65	50	40

[1] SI Units: 1 inch = 25.4 mm; 1 psf = 47.9 Pa

[2] Panels shall be a minimum of 24 inched wide.

[3] The allowable spans were determined using a dead load of 10 psf. If the dead load exceeds 10 psf then the live load shall be reduced accordingly.

[4] Tongue-and-groove edges, panel edge clips (one between each support, except two between supports 48 inches on center), lumber blocking or other. Only lumber blocking will satisfy blocked diaphragm requirements of NER-133 or ICBO ES 99-11-01 Table 5.



ROOF FASTENING ZONES FOR WIND UPLIFT

(Zones shown above indicate areas of the roof with different fastening requirements and should not be confused with ASCE 7 pressure coefficient zones.)

Region	Nails	Panel Location	Roof Fastening Zone		
			1	2	3
			Fastening Schedule (inches on center)		
High-Wind Uplift	8d common	Panel edges [(a)]	6	6	4 [(b)]
		Panel field	6	6	6 [(b)]
Intermediate Uplift	8d common	Panel edges [(a)]	6	6	4
		Panel field	12	6	6
Basic Uplift	8d common	Panel edges [(a)]	6	6	6
		Panel field	12	12	12

(a) Edge spacing also applies over roof framing at gable-end walls.

(b) Use 3d ring-shank nails in this zone if mean roof height is greater than 25.