

Type PLB™ -36/HSB® -36



1½" (38 mm) Deep Roof Deck ■
Primer Painted or Galvanized ■

ALLOWABLE UNIFORM LOADS (psf, N/m²)

		SPAN (ft-in., mm)																	
SPAN GAGE		4'-0"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"	10'-6"	11'-0"	11'-6"	12'-0"		
		1,220	1,520	1,680	1,830	1,980	2,130	2,290	2,440	2,590	2,740	2,900	3,050	3,200	3,350	3,500	3,660		
SINGLE	22	STRESS	178 8,523	114 5,458	94 4,501	79 3,783	67 3,208	58 2,777	51 2,442	44 2,107	39 1,867	35 1,676	31 1,484	28 1,341					
		L/240	◆◆◆ 4,405	92 4,405	69 3,304	53 2,538	42 2,011	34 1,628	27 1,293	22 1,053	19 910	16 766	13 622	11 527					
	20	STRESS	223 10,677	143 6,847	118 5,650	99 4,740	85 4,070	73 3,495	64 3,064	56 2,681	49 2,346	44 2,107	40 1,915	36 1,724	32 1,532	30 1,436	27 1,293	25 1,197	
		L/240	222 10,629	113 5,410	85 4,070	66 3,160	52 2,490	41 1,963	34 1,628	28 1,341	23 1,101	19 910	17 814	14 670	12 575	11 527	9 431	8 383	
	18	STRESS	300 14,364	196 9,385	162 7,757	136 6,512	116 5,554	100 4,788	87 4,166	76 3,639	68 3,256	60 2,873	54 2,586	49 2,346	44 2,107	40 1,915	37 1,772	34 1,628	
		L/240	◆◆◆ 7,613	159 7,613	119 5,698	92 4,405	72 3,447	58 2,777	47 2,250	39 1,867	32 1,532	27 1,293	23 1,101	20 958	17 814	15 718	13 622	11 527	
	16	STRESS	300 14,364	250 11,970	207 9,911	174 8,331	148 7,086	127 6,081	111 5,315	98 4,692	86 4,118	77 3,687	69 3,304	62 2,969	57 2,729	52 2,490	47 2,250	43 2,059	
		L/240	—	198 9,480	149 7,134	115 5,506	90 4,309	72 3,447	59 2,825	48 2,298	40 1,915	34 1,628	29 1,389	25 1,197	21 1,005	19 910	16 766	14 670	
	DOUBLE	22	STRESS	188 9,001	120 5,746	99 4,740	84 4,022	71 3,399	61 2,921	54 2,586	47 2,250	42 2,011	37 1,772	33 1,580	30 1,436				
			L/240	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	32 1,532	28 1,341			
		20	STRESS	236 11,300	151 7,230	125 5,985	105 5,027	89 4,261	77 3,687	67 3,208	59 2,825	52 2,490	47 2,250	42 2,011	38 1,819	34 1,628	31 1,484	29 1,389	26 1,245
			L/240	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	47 2,250	40 1,915	34 1,628	29 1,389	26 1,245	22 1,053
18		STRESS	300 14,364	204 9,768	168 8,044	141 6,751	121 5,794	104 4,980	91 4,357	80 3,830	70 3,352	63 3,016	56 2,681	51 2,442	46 2,202	42 2,011	39 1,867	35 1,676	
		L/240	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	56 2,681	48 2,298	41 1,963	36 1,724	31 1,484	28 1,341
16		STRESS	300 14,364	254 12,162	210 10,055	176 8,427	150 7,182	129 6,177	113 5,410	99 4,740	88 4,213	78 3,735	70 3,352	63 3,016	57 2,729	52 2,490	48 2,298	44 2,107	
		L/240	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	70 3,352	60 2,873	51 2,442	45 2,155	39 1,867	34 1,628
TRIPLE		22	STRESS	235 11,252	150 7,182	124 5,937	105 5,027	89 4,261	77 3,687	67 3,208	59 2,825	52 2,490	46 2,202	42 2,011	38 1,819				
			L/240	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	100 4,788	79 3,783	63 3,016	51 2,442	42 2,011	35 1,676	30 1,436	25 1,197	22 1,053				
		20	STRESS	295 14,125	188 9,001	156 7,469	131 6,272	112 5,363	96 4,597	84 4,022	74 3,543	65 3,112	58 2,777	52 2,490	47 2,250	43 2,059	39 1,867	36 1,724	33 1,580
			L/240	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	124 5,937	97 4,644	78 3,735	63 3,016	52 2,490	44 2,107	37 1,772	31 1,484	27 1,293	23 1,101	20 958	18 862	15 718
	18	STRESS	300 14,364	255 12,209	210 10,055	177 8,475	151 7,230	130 6,224	113 5,410	99 4,740	88 4,213	79 3,783	71 3,399	64 3,064	58 2,777	53 2,538	48 2,298	44 2,107	
		L/240	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	173 8,283	136 6,512	109 5,219	89 4,261	73 3,495	61 2,921	51 2,442	44 2,107	37 1,772	32 1,532	28 1,341	25 1,197	22 1,053	
	16	STRESS	300 14,364	300 14,364	262 12,545	220 10,534	188 9,001	162 7,757	141 6,751	124 5,937	110 5,267	98 4,692	88 4,213	79 3,783	72 3,447	65 3,112	60 2,873	55 2,633	
		L/240	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	◆◆◆ ◆◆◆	216 10,342	170 8,140	136 6,512	111 5,315	91 4,357	76 3,639	64 3,064	54 2,586	47 2,250	40 1,915	35 1,676	31 1,484	27 1,293	

VERTICAL
LOADS