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#8 X 1-1/2” PAN HEAD WOOD SCREW TO 2X S-P-F WOOD STUD

4” WIDE PLANK

Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	331	4"	82.8"	32"
± 30 psf	221	4"	55.2"	32"
± 40 psf	166	4"	41.4"	32"
± 50 psf	132	4"	33.1"	32"
± 60 psf	110	4"	27.6"	27"
± 70 psf	95	4"	23.7"	23"

6” WIDE PLANK

Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	331	6"	55.2"	32"
± 30 psf	221	6"	36.8"	32"
± 40 psf	166	6"	27.6"	27"
± 50 psf	132	6"	22.1"	22"
± 60 psf	110	6"	18.4"	18"
± 70 psf	95	6"	15.8"	15"

8” WIDE PLANK

Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	331	8"	41.4"	32"
± 30 psf	221	8"	27.6"	27"
± 40 psf	166	8"	20.7"	20"
± 50 psf	132	8"	16.6"	16"
± 60 psf	110	8"	13.8"	13"
± 70 psf	95	8"	11.8"	11"

10” WIDE PLANK

Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	331	10"	33.1"	32"
± 30 psf	221	10"	22.1"	22"
± 40 psf	166	10"	16.6"	16"
± 50 psf	132	10"	13.2"	13"
± 60 psf	110	10"	11.0"	11"
± 70 psf	95	10"	9.5"	9"

#8 X 2” PAN HEAD WOOD SCREW TO 2X S-P-F WOOD STUD

4” WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	497	4"	124.2"	32"
± 30 psf	331	4"	82.8"	32"
± 40 psf	248	4"	62.1"	32"
± 50 psf	199	4"	49.7"	32"
± 60 psf	166	4"	41.4"	32"
± 70 psf	142	4"	35.5"	32"

6” WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	497	6"	82.8"	32"
± 30 psf	331	6"	55.2"	32"
± 40 psf	248	6"	41.4"	32"
± 50 psf	199	6"	33.1"	32"
± 60 psf	166	6"	27.6"	27"
± 70 psf	142	6"	23.7"	23"

8” WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	497	8"	62.1"	32"
± 30 psf	331	8"	41.4"	32"
± 40 psf	248	8"	31.1"	31"
± 50 psf	199	8"	24.8"	24"
± 60 psf	166	8"	20.7"	20"
± 70 psf	142	8"	17.7"	17"

10” WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	497	10"	49.7"	32"
± 30 psf	331	10"	33.1"	32"
± 40 psf	248	10"	24.8"	24"
± 50 psf	199	10"	19.9"	19"
± 60 psf	166	10"	16.6"	16"
± 70 psf	142	10"	14.2"	14"

#8-18 TEKS SCREW TO 20 GA 33 KSI STEEL STUD

4" WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	540	4"	135.0"	32"
± 30 psf	360	4"	90.0"	32"
± 40 psf	270	4"	67.5"	32"
± 50 psf	216	4"	54.0"	32"
± 60 psf	180	4"	45.0"	32"
± 70 psf	154	4"	38.6"	32"

6" WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	540	6"	90.0"	32"
± 30 psf	360	6"	60.0"	32"
± 40 psf	270	6"	45.0"	32"
± 50 psf	216	6"	36.0"	32"
± 60 psf	180	6"	30.0"	30"
± 70 psf	154	6"	25.7"	25"

8" WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	540	8"	67.5"	32"
± 30 psf	360	8"	45.0"	32"
± 40 psf	270	8"	33.8"	32"
± 50 psf	216	8"	27.0"	27"
± 60 psf	180	8"	22.5"	22"
± 70 psf	154	8"	19.3"	19"

10" WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	540	10"	54.0"	32"
± 30 psf	360	10"	36.0"	32"
± 40 psf	270	10"	27.0"	27"
± 50 psf	216	10"	21.6"	21"
± 60 psf	180	10"	18.0"	18"
± 70 psf	154	10"	15.4"	15"

#8-18 TEKS SCREW TO 18 GA 33 KSI STEEL STUD

4" WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	720	4"	180.0"	32"
± 30 psf	480	4"	120.0"	32"
± 40 psf	360	4"	90.0"	32"
± 50 psf	288	4"	72.0"	32"
± 60 psf	240	4"	60.0"	32"
± 70 psf	206	4"	51.4"	32"

6" WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	720	6"	120.0"	32"
± 30 psf	480	6"	80.0"	32"
± 40 psf	360	6"	60.0"	32"
± 50 psf	288	6"	48.0"	32"
± 60 psf	240	6"	40.0"	32"
± 70 psf	206	6"	34.3"	32"

8" WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	720	8"	90.0"	32"
± 30 psf	480	8"	60.0"	32"
± 40 psf	360	8"	45.0"	32"
± 50 psf	288	8"	36.0"	32"
± 60 psf	240	8"	30.0"	30"
± 70 psf	206	8"	25.7"	25"

10" WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	720	10"	72.0"	32"
± 30 psf	480	10"	48.0"	32"
± 40 psf	360	10"	36.0"	32"
± 50 psf	288	10"	28.8"	28"
± 60 psf	240	10"	24.0"	24"
± 70 psf	206	10"	20.6"	20"

#8-18 TEKS SCREW TO 16 GA 33 KSI STEEL STUD

4" WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	900	4"	225.0"	32"
± 30 psf	600	4"	150.0"	32"
± 40 psf	450	4"	112.5"	32"
± 50 psf	360	4"	90.0"	32"
± 60 psf	300	4"	75.0"	32"
± 70 psf	257	4"	64.3"	32"

6" WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	900	6"	150.0"	32"
± 30 psf	600	6"	100.0"	32"
± 40 psf	450	6"	75.0"	32"
± 50 psf	360	6"	60.0"	32"
± 60 psf	300	6"	50.0"	32"
± 70 psf	257	6"	42.9"	32"

8" WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	900	8"	112.5"	32"
± 30 psf	600	8"	75.0"	32"
± 40 psf	450	8"	56.3"	32"
± 50 psf	360	8"	45.0"	32"
± 60 psf	300	8"	37.5"	32"
± 70 psf	257	8"	32.1"	32"

10" WIDE PLANK				
Design Load	Max Trib Area (in²)	Panel Width	Anchor Spacing	Specified Spacing
± 20 psf	900	10"	90.0"	32"
± 30 psf	600	10"	60.0"	32"
± 40 psf	450	10"	45.0"	32"
± 50 psf	360	10"	36.0"	32"
± 60 psf	300	10"	30.0"	30"
± 70 psf	257	10"	25.7"	25"

#8X1-1/2” PAN HEAD WOOD SCREW TO 1/2” PLYWOOD SHEATHING

4” WIDE PLANK			
Design Load	Max Trib Area (in²)	Panel Width	Specified Spacing
± 20 psf	151	4"	32"
± 30 psf	101	4"	24"
± 40 psf	76	4"	16"
± 50 psf	60	4"	12"
± 60 psf	50	4"	12"
± 70 psf	43	4"	8"

6” WIDE PLANK			
Design Load	Max Trib Area (in²)	Panel Width	Specified Spacing
± 20 psf	151	6"	24"
± 30 psf	101	6"	16"
± 40 psf	76	6"	12"
± 50 psf	60	6"	8"
± 60 psf	50	6"	8"
± 70 psf	43	6"	4"

8” WIDE PLANK			
Design Load	Max Trib Area (in²)	Panel Width	Specified Spacing
± 20 psf	151	8"	18"
± 30 psf	101	8"	12"
± 40 psf	76	8"	9"
± 50 psf	60	8"	7"
± 60 psf	50	8"	6"
± 70 psf	43	8"	5"

10” WIDE PLANK			
Design Load	Max Trib Area (in²)	Panel Width	Specified Spacing
± 20 psf	151	10"	15"
± 30 psf	101	10"	10"
± 40 psf	76	10"	7"
± 50 psf	60	10"	6"
± 60 psf	50	10"	5"
± 70 psf	43	10"	4"

#8X1-1/2” PAN HEAD WOOD SCREW TO 3/4” PLYWOOD SHEATHING

4” WIDE PLANK			
Design Load	Max Trib Area (in²)	Panel Width	Specified Spacing
± 20 psf	223	4"	32"
± 30 psf	149	4"	32"
± 40 psf	112	4"	24"
± 50 psf	89	4"	20"
± 60 psf	74	4"	16"
± 70 psf	64	4"	12"

6” WIDE PLANK			
Design Load	Max Trib Area (in²)	Panel Width	Specified Spacing
± 20 psf	223	6"	32"
± 30 psf	149	6"	24"
± 40 psf	112	6"	16"
± 50 psf	89	6"	12"
± 60 psf	74	6"	12"
± 70 psf	64	6"	8"

8” WIDE PLANK			
Design Load	Max Trib Area (in²)	Panel Width	Specified Spacing
± 20 psf	223	8"	27"
± 30 psf	149	8"	18"
± 40 psf	112	8"	13"
± 50 psf	89	8"	11"
± 60 psf	74	8"	9"
± 70 psf	64	8"	7"

10” WIDE PLANK			
Design Load	Max Trib Area (in²)	Panel Width	Specified Spacing
± 20 psf	223	10"	22"
± 30 psf	149	10"	14"
± 40 psf	112	10"	11"
± 50 psf	89	10"	8"
± 60 psf	74	10"	7"
± 70 psf	64	10"	6"

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