

AIR-DRIED SPECIMENS FROM WHITE PINE BEAM 16.

Spec.	Tension Tests.			Compression Tests.			Shearing Tests.			
	Coefficients of elasticity in lbs. per sq. in.		Tensile strength in lbs. per sq. in.	Coefficients of elasticity in lbs. per sq. in.		Compressive strength in lbs. per sq. in.	Spec. in lbs. per cu. ft.	Shearing strength in lbs. per sq. in. of flats.	Sp. wt. in lbs. per cu. ft.	Spec. in lbs. per cu. ft.
	Forward.	Return.		Forward.	Return.					
a	1,626,330	1,863,510	9,777	1,915,550	1,912,950	3978	k_1	321.90	26.552	n
b	1,813,820	1,813,170	10,021	1,691,000	1,690,900	2880	k_2	405.40	25.911	r
c	1,443,200	1,898,240	5,772	1,455,090	1,449,670	4737	l	321.35	25.952	m
d	1,443,200	1,898,240	12,108	1,571,990	1,569,160	2963	n	291.81	26.534	z
e	2,243,120	2,295,170	11,902	1,560,010	1,535,620	3331	o	375.56	26.807	
f	1,652,480	1,652,480	10,884	2924	p	331.21	26.672	
							q	342.80	26.581	
							r	313.82	25.929	
							s	410.45	27.454	
							t	534.68	26.540	
								552.95	27.513	

Remarks.—The values of E for specimens a , c , d and f have been calculated from the first series of readings only, and are consequently smaller than if repeated readings had been taken.