

Erratum

Vibrational properties of wood along the grain

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The corrected version of Table II is as follows:

TABLE II Vibrational properties of chemically treated spruce woods.

	WPG (%)	MC (%)	ρ (Mg/m ³)	E'_L (GPa)	E'_L/ρ (GPa·m ³ /Mg)	$\tan \delta_L$	G'_L (GPa)	G'_L/ρ (GPa·m ³ /Mg)	$\tan \delta_S$	E'_L/G'_L	$\tan \delta_S / \tan \delta_L$	α (km/s)	β
U		8.84	0.409	10.3	25.1	0.0076	1.03	2.52	0.016	10.07	2.06	665	20.9
F		2.94	0.410	10.8	26.3	0.0044	1.15	2.81	0.009	9.52	1.90	1121	18.4
A		4.27	0.442	9.9	22.3	0.0075	0.97	2.19	0.016	10.21	2.14	634	22.0
H		8.75	0.423	10.4	24.5	0.0060	1.16	2.75	0.013	9.14	2.13	812	19.8
P		7.27	0.488	9.1	18.7	0.0165	0.77	1.57	0.038	11.58	2.42	279	27.7
Changes (%)													
F	5.6	-66.7	0.4	4.8	4.4	-41.3	11.9	11.6	-42.2	-5.5	-7.9	68.6	-11.9
A	18.4	-51.8	8.1	-4.2	-11.3	-1.2	-5.6	-13.1	2.8	1.5	3.8	-4.7	5.2
H	5.8	-1.1	3.5	0.9	-2.5	-20.2	13.0	9.1	-15.3	-9.2	3.5	22.2	-5.2
P	31.6	-17.7	19.4	-11.4	-25.7	118.4	-24.7	-37.9	145.7	15.1	17.4	-58.1	32.8

WPG, Weight percent gain due to treatment; MC, moisture content at 25°C and 60%RH based on the weight of dry specimen; U, untreated; F, formalized; A, acetylated; H, impregnated with hematoxylin; P, impregnated with polyethylene glycol.