

Erratum to: Quantitative determination of bound water diffusion in multilayer boards by means of neutron imaging

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Due to a processing error the presentation of Table 1 was incorrect. The unit of $C_{\text{mean.end}}$ was wrongly stated as kg/m^3 instead of g/cm^3 . The correct Table 1 is given on next page.

Unfortunately, an error occurred in the German headline to Table 3. The correct German headline is given below.

Tab. 3 Die nach (6)–(9) berechneten Parameter zur Bestimmung der Diffusionskoeffizienten von Holz und Klebstoff.
 $D_{o,w}$, $D_{o,a}$ = Diffusionskoeffizienten von Holz bzw. Klebstoff im darroffenen Zustand; α_w , α_a = Konstanten, welche die Feuchteabhängigkeit beschreiben; σ = Übergangskoeffizient, M_∞ = Feuchtegehalt im Ausgleichszustand; S = Zielfunktionswert

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Table 1 Overview of the tested samples and the applied adhesives at the beginning of the measurements (oven-dry) and the mean moisture content ($MC_{mean,end}$) and water concentration ($C_{mean,end}$), respectively at the end of the measurements after 70 days (series 1) or 74 days (series 2) exposed to a differentiating climate (series 1: 20 °C/85% RH to 0% RH; series 2: 20 °C/90% RH to 0% RH)

Tab. 1 Überblick über die untersuchten Proben und die verwendeten Klebstoffe zu Beginn der Messungen (darrtrocken) sowie deren mittlerer Feuchtegehalt ($MC_{mean,end}$) bzw. Wasserkonzentration ($C_{mean,end}$) am Ende der Messungen, nachdem die Proben 70 Tage (Serie 1) bzw. 74 Tage (Serie 2) einem Differenzklima ausgesetzt worden waren (Serie 1: 20 °C/85 % rLF zu 0 % rLF; Serie 2: 20 °C/90 % rLF zu 0 % rLF)

	Material/adhesive	No.	Direction of diffusion	Bond line No. (–)	Thickness of the bond line (mm)	Oven-dry height (mm)	Oven-dry density (kg/m ³)	MC _{mean,end} (%)	C _{mean,end} (g/cm ³)
Series 1	Spruce wood	1	Tangential	–	–	29.1	418	12.8	0.054
		2	Radial	–	–	29.9	402	12.5	0.050
	Urea-1	3	Tangential	1	0.1	29.0	398	12.5	0.050
		4	Tangential	3	0.1	29.0	441	10.6	0.047
		5	Tangential	5	0.1	29.3	457	9.6	0.044
	PUR-1	6	Tangential	1	0.1	29.0	403	12.0	0.048
		7	Tangential	3	0.1	29.3	430	7.9	0.034
		8	Tangential	5	0.1	29.7	476	6.1	0.029
	Epoxy	9	Tangential	1	0.1	29.3	429	14.0	0.060
		10	Tangential	1	0.5	29.5	586	11.0	0.064
		11	Tangential	1	1.0	30.1	523	11.0	0.058
Series 2	PVAc	12	Tangential	1	0.1	29.3	407	14.8	0.060
		13	Tangential	1	0.5	29.5	389	15.3	0.060
		14	Tangential	1	1.0	29.8	351	14.6	0.051
	Urea-2	15	Tangential	1	0.1	29.5	420	15.0	0.063
		16	Tangential	1	0.5	29.5	419	15.3	0.064
		17	Tangential	1	1.0	29.8	417	14.9	0.062
	PUR-2	18	Tangential	1	0.1	29.4	458	14.2	0.065
		19	Tangential	1	0.5	29.8	403	13.5	0.054
		20	Tangential	1	1.0	30.5	452	12.4	0.056