

material	ρ [$\frac{\text{kg}}{\text{m}^3}$]	c [$\frac{\text{J}}{\text{kg K}}$]	$c\rho$ [$\frac{\text{kJ}}{\text{m}^3 \text{K}}$]	λ [$\frac{\text{W}}{\text{m K}}$]	α [$10^{-6} \frac{\text{m}^2}{\text{s}}$]	b [$\frac{\text{W s}^{1/2}}{\text{m}^2 \text{K}}$]	τ' [$\frac{\text{min}}{\text{cm}}$]	δ [cm]
stiropor (EPS150)	25	1260	32	0.035	1.11	33	13	17
les smreka	550	2100	1160	0.14	0.121	400	40	6
les hrast	750	2300	1730	0.21	0.122	600	40	6
opeka polna	1800	920	1660	0.76	0.459	1100	20	11
opeka Poroterm 45	650	920	600	0.16	0.268	310	27	9
mavec	900	810	730	0.21	0.288	390	26	9
beton	2500	960	2400	1.51	0.629	1900	17	13
steklo	2500	800	2000	0.80	0.40	1300	22	10
led	920	2100	1900	2.2	1.14	2100	13	18
voda (mirujoča)	1000	4200	4200	0.58	0.138	1560		
zrak (mirujoč)	1.3	1000	1.3	0.024				

$$b = \sqrt{\lambda c \rho}, \quad \alpha = \frac{\lambda}{c \rho}, \quad \tau' = \frac{\tau}{z} = \sqrt{\frac{1}{2\alpha\omega}} = \sqrt{\frac{T_0}{4\pi\alpha}}, \quad \delta = \sqrt{\frac{2\alpha}{\omega}} = \sqrt{\frac{T_0\alpha}{\pi}}$$