

7.5

	q" (kW/m ²)	h (W/m ² K)	Tig (C)	k_rho_c ((kW/m ² K) ² s)	tig (s)		gamma long	gamma short
					long	short		
PMMA	30	15	380	1	2092.262	109.9218	0.686119	0.157265
Fiberboard	30	15	330	0.46	906.4968	37.3237	0.665879	0.135115
Plywood	30	15	390	0.54	1143.684	62.74898	0.690315	0.161695
Wood Carpet	30	15	435	0.25	559.8782	36.65514	0.709852	0.18163
Polyurethane								
Foam	30	15	435	0.03	67.18539	4.398617	0.709852	0.18163
Paper on Gypsum								
Board	30	15	565	0.45	1195.239	114.453	0.773058	0.239221

	q" (kW/m ²)	h (W/m ² K)	Tig (C)	q"_crit (kW)
PMMA	30	15	380	5.325
Fiberboard	30	15	330	4.575
Plywood	30	15	390	5.475
Wood Carpet	30	15	435	6.15
Polyurethane				
Foam	30	15	435	6.15
Paper on Gypsum				
Board	30	15	565	8.1