

feliblok ^{EPS}	STANDARDS	PRODUCT TYPES									
PROPERTIES	EN 13163	EPS-50 ≥12		EPS-80 ≥16		EPS-100 ≥19		EPS-150 ≥25		EPS-200 ≥30	
Compressive stress σ_{10} (kPa)	EN 826	50		80		100		150		200	
Bending resistance σ_b (kPa)	EN 12089	75		125		150		200		250	
Shear stress τ (kPa)	EN 12090	35		60		75		100		125	
Tensile strength σ_{mt} (kPa)	EN 1607	140		200		200		200		200	
Thermal conductivity λ (W/mK)	EN 12667 or EN 12939	λ		λ		λ		λ		λ	
Thermal resistance R (m ² K/W)			R		R		R		R		R
20mm		0.040	0.50	0.036	0.55	0.035	0.57	0.034	0.59	0.033	0.60
30mm		0.040	0.75	0.036	0.83	0.035	0.86	0.034	0.88	0.033	0.90
40mm		0.040	1.00	0.036	1.11	0.035	1.14	0.034	1.18	0.033	1.21
50mm		0.040	1.25	0.036	1.38	0.035	1.42	0.034	1.47	0.033	1.51
60mm		0.040	1.50	0.036	1.66	0.035	1.71	0.034	1.76	0.033	1.81
70mm		0.040	1.75	0.036	1.94	0.035	2.00	0.034	2.06	0.033	2.12
80mm		0.040	2.00	0.036	2.22	0.035	2.28	0.034	2.35	0.033	2.42
90mm		0.040	2.25	0.036	2.50	0.035	2.57	0.034	2.65	0.033	2.73
100mm		0.040	2.50	0.036	2.77	0.035	2.85	0.034	2.94	0.033	3.03
120mm		0.040	3.00	0.036	3.33	0.035	3.43	0.034	3.53	0.033	3.64
Dimensional stability $DS(N)\%$	EN 16036	≤0.5%		≤0.5%		≤0.5%		≤0.5%		≤0.5%	
Density ρ (kg/m ³)	EN 1602	≥12		≥16		≥19		≥25		≥30	
Water vapour diffusion resistance μ	EN 12086	20~40		20~40		30~70		40~70		60~100	
Reaction to fire	EN 13501	E		E		E		E		E	



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