

			STYROFOAM ®™		Rock wool (Paroc)	
	Standard	Unit	FB-X	LB-X	SLAB80	SLAB120
Volume weight	EN 1602	kg/m³	33	33	80	120
Building material class	EN13501-1		E	E	A1	A1
Thermal conductivity		W/(mK)	0,032	0,028	0,043 @ 50°C	0,042 @ 50°C
			EN 13164		EN 12667	
Compressive strength	EN 826	kPa	200	300		
Water vapour diffusion resistance	DIN EN 12086 DIN EN 13163	μ	50 –	100 –		
Water absorption	EN 12090		0,3 kg/m³	≤1,5Vol.%		
Continuous operating temperature		°C	-85 +80	-50 +75	+550	+660
			Styrofoam (EPS)		Melamine resin foam	Foam glass
	Standard	Unit	100/035	150/035		T4+
Volume weight	EN 1602	kg/m³	ca. 20	ca. 25	9	120
Building material class	EN13501-1		E	E	C -s2, d0	A1
Thermal conductivity		W/(mK)	0,035	0,035	0,034	0,041
Compressive strength	EN 826	kPa	100	150	Apr 20	600
Water vapour diffusion resistance	DIN EN 12086 DIN EN 13163	μ	– 30/70	– 30/70		∞
Coefficient of thermal expansion						9*10 ⁻⁵
Water absorption	EN 12090					≤ 0,5 Vol. %
Continuous operating temperature		°C	+80	+80	-50 +180	-265 +430