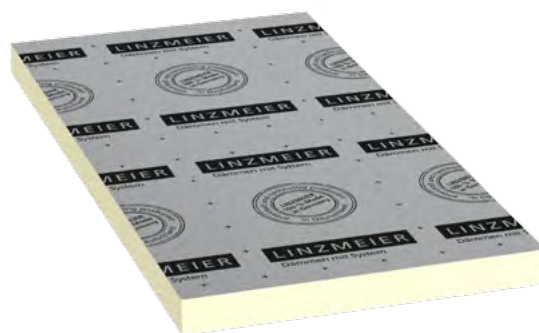


Technical data

LINITHERM PMV

Floor insulation system



Property	Formula symbol	Unit	Parameter and measured value	Standard
Material	-	-	Polyurethane rigid foam, coated with multi-layered composite foil on both sides	EN 13165
Application type	-	-	DEO dh	DIN 4108-10
Gross density	ρ	kg/m ³	≥ approx. 30	-
Fire behaviour	-	-	Class E or normally inflammable	EN 13501-1
Thermal conductivity (D)	λ_B	W/(mK)	0.023	DIN 4108-4
Thermal conductivity (EU)	λ_D	W/(mK)	0.022	EN 13165
Temperature resistance	-	°C	- 30 to + 90	-
Compressive stress	σ_{D10}	N/mm ² kPa	≥ 0.12 (at 10 % compression) ≥ 120	EN 826
Max. permitted permanent compressive stress	σ_{D2}	N/mm ² kPa	≥ 0.02 (at 2 % compression) ≥ 20	-
Water vapour diffusion equivalent air layer thickness	s_d	m	Aluminium foil area practically vapour-proof; $s_d > 1500$	EN 12524
Resistance of polyurethane rigid foam	-	-	Chemically resistant to petrol, diesel mineral oil, micro-organisms, mould, rot-proof	-
Thickness grades	-	mm	20, 30, 40, 50, 60, 70, 80	-
Edge connection	-	-	Round about edgeless cut	-
Calculation measurement	-	mm	1200 x 600 (calculation measurement)	-

Our brochures and information material are meant to provide advice to the best of our knowledge. Subject to technical modifications.



Declaration of Performance
005-LICPR-200801
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DIN EN 13165
Inspection: 0751 FIW München

