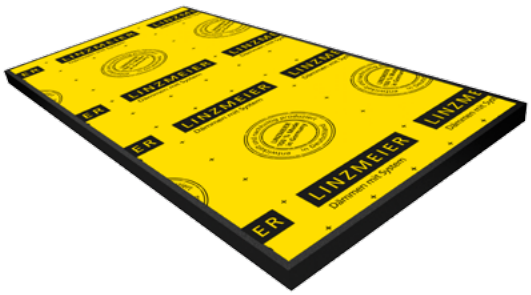
LINZMEIER
Insulate with system

Technical data

LINITHERM PQP

Flat roof insulation system



Property	Formula symbol	Unit	Parameter and measured value	Standard
Material	–	–	Polyurethane rigid foam, coated with mineral fleece on both sides	EN 13165
Application type	–	–	DAA dh, DEO dh	DIN 4108-10
Gross density	ρ	kg/m³	≥ approx. 33	–
Fire behaviour	–	–	Class E or normally inflammable	EN 13501-1
Thermal conductivity (D)	λ_B	W/(mK)	0.029	DIN 4108-4
Thermal conductivity (EU)	λ_D	W/(mK)	0.028	EN 13165
Compressive stress	σ_{D10}	N/mm² kPa	≥ 0.12 (at 10 % compression) ≥ 120	EN 826
Specific thermal capacity	c	J/(kg·K)	1400	EN 12524
Water vapour diffusion resistance factor	μ	–	40 / 200	DIN 4108-4
Water absorption of polyurethane rigid foam after 28 days of sub-water storage	–	Vol-%	1.0 to 2.5	EN 12087
Resistance of polyurethane rigid foam	–	–	Chemically resistant to petrol, diesel mineral oil, micro-organisms, mould, rot-proof	–
Thickness outer PU layers	–	mm	Each 10	–
Thickness total incl. 20 mm vacuum insulation	–	mm	40	–
Edge connection	–	–	Round about edgeless cut, covered with tape	–
Measurement	–	mm	1200 × 600, 1200 × 300, 600 × 300, 600 × 150	–

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

Declaration of Performance
NTI-VP2013/0001
www.linzmeier.de/downloads

CE
DIN EN 13165
Inspection: 0751 FIW München

ÜGPU GEPRÜFT PU

pure life
safety in comfort
eco-friendly
EMISSION TESTED
pure life is a seal of approval issued by the ÜGPU association
*„pure life"-certification applies to PU insulation board

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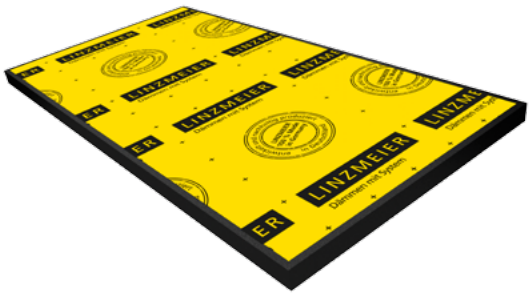
Insulate with system

Technical data

Vacuum insulation panel

from LINITHERM PQP



Property	Formula symbol	Unit	Parameter and measured value	Standard
Material	–	–	Vacuum insulation panel	–
Gross density	ρ	kg/m³	170 - 210	–
Fire behaviour	–	–	Class E or normally inflammable	EN 13501-1
Thermal conductivity (D)	λ_B	W/(mK)	0.007	DIN 4108-4
Thermal conductivity (EU)	λ_D	W/(mK)	0.0066	EN 12667
Temperature resistance	_	°C	–50 to +120	–
Compressive stress	σ_{D10}	N/mm²	≥ 0.18 (at 10% compression)	EN 826
Water vapour diffusion equivalent air layer thickness	s_d	m	> 1500	–
Thickness total	–	mm	20 (Vacuum insulation)	–
Measurement	–	mm	1200×600, 1200×300, 600×300, 600×150	–

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Note: The details stated above apply under normal conditions of use of the products. They are based on our experience to date and do not represent an assurance of properties. Existing laws/directives/provisions are to be followed by the user at his own responsibility.

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