

LINITHERM®

insulation systems

LINZMEIER

building elements

Universal insulation boards

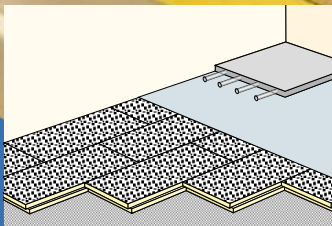
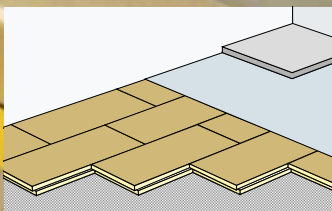
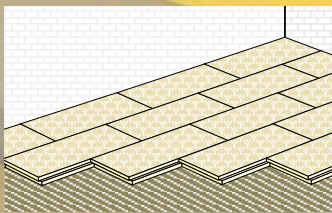
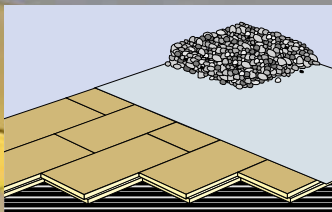
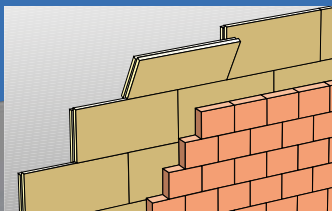
■ PAL

■ PGV



The proven insulation system for universal application

Ideal as flat roof insulation, core insulation, under screed, insulating attic floors, window reveals, in radiator niches, cold-storage rooms...



Reliable insulation ...
wherever you need it to achieve maximum insulation with minimum board thickness

... in perfect professional quality ...
Tried and proven in practice, and installable everywhere
Different thicknesses and with various edges
Easy cutting and fast installation

... for saving energy with PUR
Keeps out the heat in summer, prevents heat loss in winter
Insulation core of PUR/PIR rigid foam
Positive ecobalance

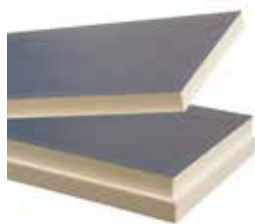
The insulation for building applications,

in vehicle and container construction,

for technical isolation,

and for plant equipment.

Flat roof insulation, insulation under screed, insulation of attic floors, terraces etc.



The pressure-resistant insulation board with protective aluminum film coating on both sides. This provides highly efficient thermal insulation.

LINITHERM PAL

Insulation core: PUR/PIR rigid foam according to DIN EN 13165, class E, both sides with aluminium foil
Edge joints: Thickness 20 - 40 mm: round about edgeless cut
 Thickness 50-100, 200 mm: round about edgeless cut or with graded notches
 Thickness 120-240 mm: with graded notches
Overall dimension: 1200 x 600 mm (= calculation measurement)
 (covered measurement with graded notches 2cm smaller)

Thickness mm PUR/PIR	Package contents Qty.	Package contents m ²	Pallet contents Qty.	Pallet contents m ²	TCL PUR/PIR	U value ** element [W/(m ² K)]
20	25	18.00	250	180.0	022	0.95
30	16	11.52	160	115.2	022	0.67
40	12	8.64	120	86.4	022	0.51
50	10	7.20	100	72.0	022	0.41
60	8	5.76	80	57.6	022	0.35
70	7	5.04	70	50.4	022	0.30
80	6	4.32	60	43.2	022	0.27
100	5	3.60	50	36.0	022	0.21
120	4	2.88	40	28.8	022	0.18
140	3	2.16	36	25.9	022	0.15
160	3	2.16	30	21.6	022	0.14
*180	2	1.44	28	20.2	022	0.12
*200	2	1.44	24	17.3	022	0.11
*220	2	1.44	20	14.4	022	0.10
*240	2	1.44	20	14.4	022	0.09

other thicknesses on request / Delivery of complete packages

Flat roof insulation, core insulation, attic floors, under screed, terraces etc.



This diffusible insulation is coated with mineral fleece on both sides. Used if a vapour barrier already exists. The boards combine good insulation values with high pressure resistance.

LINITHERM PGV

Insulation core: PUR/PIR rigid foam according to DIN EN 13165, class E, on both sides with mineral fleece
Edge joints: Thickness 20 - 40 mm: round about edgeless cut
 Thickness 50-100, 200 mm: round about edgeless cut or with graded notches
 Thickness 120-240 mm: with graded notches
Overall dimension: 1200 x 600 mm (= calculation measurement)
 (covered measurement with graded notches 2cm smaller)

Thickness mm PUR/PIR	Package contents Qty.	Package contents m ²	Pallet contents Qty.	Pallet contents m ²	TCL PUR/PIR	U value ** element [W/(m ² K)]
20	25	18.00	250	180.0	028	1.17
30	16	11.52	160	115.2	028	0.83
40	12	8.64	120	86.4	028	0.64
50	10	7.20	100	72.0	028	0.52
60	8	5.76	80	57.6	028	0.44
80	6	4.32	60	43.2	026	0.31
100	5	3.60	50	36.0	026	0.25
120	4	2.88	40	28.8	025	0.20
140	3	2.16	36	25.9	025	0.17
160	3	2.16	30	21.6	025	0.15
*180	2	1.44	28	20.2	025	0.14
*200	2	1.44	24	17.3	025	0.12
*220	2	1.44	20	14.4	025	0.11
*240	2	1.44	20	14.4	025	0.10

other thicknesses on request / Delivery of complete packages

* These products may have longer delivery periods

** Thermal conductivity coefficient U takes the thermal resistance (R_{si} = 0.1 m²K/W and R_{se} = 0.04 m²K/W).

Object-specific features according to DIN EN ISO 6946 are not taken into account.

Energy conservation is the best environmental relief

At last, you can close the last holes in your thermal protection with LINITHERM Universal insulation boards: Wherever you need good insulation with minimum thickness (from 14 mm). Thanks to extremely low thermal conductivity coupled with high insulation performance, board thickness can be kept very low. This is especially advantageous during building modernization, where every millimeter less can be decisive. Moreover, the boards are pressure-resistant and dimensionally stable. They are light, easy to handle, and interlocked fitting is fast, with a minimum of assistance. Standard woodworking tools can be used for cutting the boards to size.



Insulation an attic floor with LINITHERM PGV

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