

LINITHERM®

insulation systems

LINZMEIER

building elements

Dry screed boards

PGF



Warm feet, cool head – LINITHERM dry screed boards with hard-wearing benefits

LINITHERM dry screed boards for maximum thermal insulation.
Minimum board thickness, high loading, simple and fast installation.

Reliable insulation...

Insulates extensive and seamless
With special edge joints
Environmentally friendly building material

...fast installed...

Simple handling through convenient dimensions and low weight
Installed without thermal bridges
Even surfaces

...immediately walkable...

No waiting or drying times
High loading capacity
Dimensionally stable

Permanent insulation value TCL 022

Minimum board thickness for maximum space

High mechanical loadability

No waiting or drying times



Installation instructions

Store the insulation boards flat and dry until installation. Depending on the floor structure, you must first apply a levelling layer and install a vapour barrier.

LINITHERM PGF

Attach edge insulation strips to the walls. Install the screed boards completely flat on the professionally prepared floor. To join the boards, apply 2 beads of adhesive on the lower rabbet. Place the next board with its overlapping top edge on the adhesive, and fix it with screws or a staple gun.

(Please request our detailed installation instructions.)

Fast and easy to install.

With a handy size of 1235 x 635 mm, the boards can be installed by a single person without problems. The rabbet ensures a tight and perfectly fitting joint. LINITHERM PGF dry screed boards are glued along the rabbet, and then fixed with screws or a staple gun.



LINITHERM PGF dry screed boards

- Insulation core:** PUR/PIR rigid foam acc. to DIN EN 13165, class E, coated with aluminum film on both sides
- Outer facing:** Fibre reinforced plasterboard, 18 mm thick
- Edge joints:** PUR/PIR rigid foam with butt edge on all sides, fibre reinforced plasterboard with rabbet and overlap
- Overall dimension:** 1235 x 635 mm (= calculation measurement) (covered measurement 3.5 cm smaller)

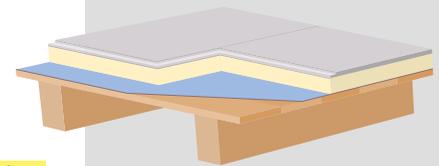
Thickness mm total	Thickness mm PUR/PIR	Thickness mm fibre reinforced plasterboard	Palette contents Qty.	m ²	TCL PUR/PIR	U-value* [W/(m ² K)]
38	20	18	40	31.4	022	0.91
48	30	18	32	25.0	022	0.64
58	40	18	26	20.4	022	0.50
68	50	18	22	17.3	022	0.41
78	60	18	20	15.7	022	0.34
98	80	18	16	12.5	022	0.26

Other thicknesses on request.

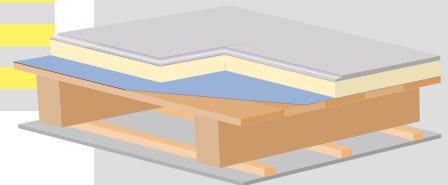
* Thermal conductivity coefficient U takes the thermal resistance (R_{si} = 0.1 m²K/W and R_{se} = 0.04 m²K/W). Object-specific features according to DIN EN ISO 6946 are not taken into account.



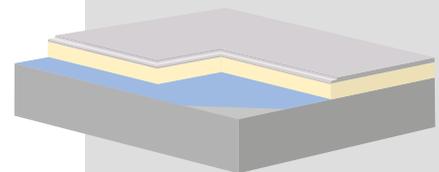
Examples of floor substructure



LINITHERM PGF on formwork and vapour barrier



LINITHERM PGF on formwork and vapour barrier with facing on the underside



LINITHERM PGF on vapour barrier and concrete

LINITHERM PGF dry screed boards provide ideal thermal insulation under every floor covering

LINITHERM PGF is the perfect substrate for all conventional floor coverings, like pre-finished parquet, PVC, textile flooring and tiles. You have a warm floor that is healthy to walk on. Dimensionally stable, with extremely hard-wearing surface and high mechanical strength. Moreover, its roller chair resistance also makes it suitable for modern offices. It is also used in hospitals and hotels.

Minimum board thickness – maximum living space

Thanks to the low thermal conductivity (TCL 022) of PUR/PIR rigid foam, minimum board thicknesses are possible. A feature that is equally for new buildings and when refurbishing old buildings, where every millimeter counts. But most important: The floor can be walked on immediately. No dirt or water in the house, no waiting, and no drying times as with wet screed.



LINITHERM PGF dry screed boards for highest insulation from the ground and in unheated rooms.



Linzmeier Bauelemente GmbH
Industriestraße 21
88499 Riedlingen
T +49 (0) 7371 1806-0
F +49 (0) 7371 1806-96

Königshofen
Schortentalstraße 24
07613 Heideiland
b. Eisenberg / Th.
T +49 (0) 36691 722-0
F +49 (0) 36691 722-20

Info@Linitherm.com
www.Linitherm.com

