



LINZMEIER

Insulate with system

Thermal insulation at its best

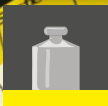
Over-rafter insulation system

LINITHERM®

PGV Flex



Flexible from small
to large radii



Little weight &
pressure resistant

LINITHERM, the high performance
insulation material –
 λ_D 0.025/0.027 W/(mK)

Thermal insulation for vaulted
roofs

Homogenous, contiguous
thermal insulation

Dimensionally precise and stable

Low weight

75
YEARS



pure life is a seal of approval
issued by the UGPU association

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LINITHERM® PGV Flex nestles exactly to the curve

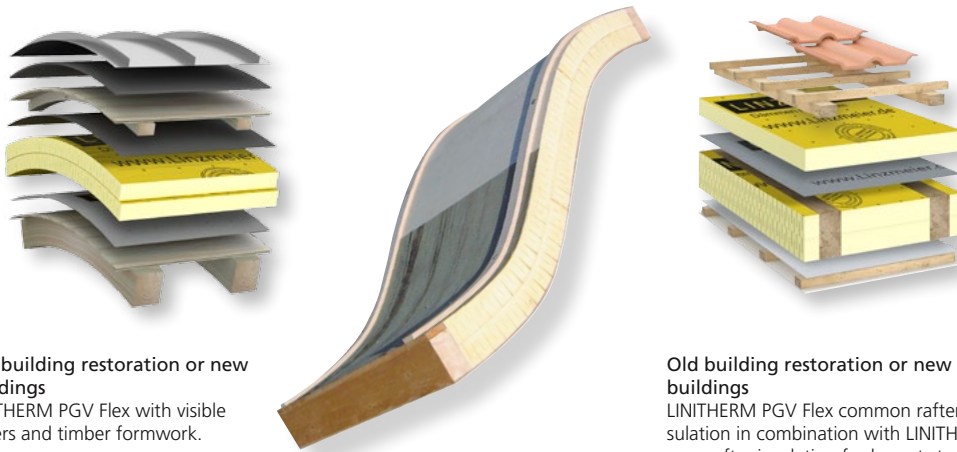
LINITHERM PGV Flex is the flexible insulation for curved areas: e.g., arched roofs, sawtooth roofs, roofs of listed houses with extreme torsions, eyebrow dormers, dormers with arched lintels, etc. Whether small or large radius, the fully face of round components is insulated easily, quickly and economically.

Due to the slits on both sides, the insulation element nestles closely to the roundings of the substructure. And as insulation between rafters the elements span exactly to the rafters.

The high quality insulation material PU rigid foam is covered with diffusible mineral fleece on both sides. It provides maximal insulation power ($\lambda_D = 0.025/\lambda_D = 0.027$) with a minimal construction height. More layers can be applied on top of each other where low U-values are needed.

The panels can be easily hewed – sawn, cut, drilled, nailed and glued. Additional advantages include: heat resistant (up to 250 °C in the short-term), high compressive strength, closed cells, water-repellent, accurate to size and dimensionally stable, non-ageing and recyclable, low weight and handy formats.

LINITHERM insulation systems for every roof



Old building restoration or new buildings
LINITHERM PGV Flex with visible rafters and timber formwork.

Old building restoration or new buildings
LINITHERM PGV Flex common rafter insulation in combination with LINITHERM over-rafter insulation for lowest structure heights.



LINITHERM PGV Flex

PH 210010

| | | | |
|-------------------|--|--|--|
| Insulation core | PU rigid foam acc. to EN 13165, fire behavior class E acc. to EN 13501-1, coated with mineral fleece on both sides, insulation elements slotted on both sides | | |
| Edge joints | Round about edgeless cut | | |
| Please note | When building the sub-roof and the entire roof support structure, the rules of the trade as well as the notes and guidelines in the separate Linzmeier leaflet must be observed. | | |
| Overall dimension | 2440 × 1200 mm (= calculation measurement) | | |

| Thickness mm total | Quantity per pallet | | λ_D | U-value |
|--------------------|---------------------|----------------|-------------|------------------------|
| | Piece | m ² | W/(mK) | [W/(m ² K)] |
| 60 | 40 | 117.1 | 0.028 | |
| 80 | 30 | 87.8 | 0.026 | |
| 120 (60+60) | | | | 0.23 |
| 140 (60+80) | | | | 0.20 |
| 160 (80+80) | | | | 0.17 |

Other thicknesses upon request.

- Optimal cold protection
- Optimal heat protection
- Moisture resistant
- maximum insulation with minimum panel thickness
- pressure resistant
- Odorless & physiologically free
- 100% recyclable
- Positive building biology.
- Cuts costs, ensures excellent ROI
- 10 years of system performance in case of using the LINITHERM accessory products in addition to our LINITHERM upon rafter insulation system (see Product overview).

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