LINZMEIER
Insulate with system

Technical data

LINITHERM PGV Flex

Over-rafter Insulation system

Property	Formula symbol	Unit	Parameter and measured value	Standard
Material	–	–	Polyurethane rigid foam, coated with mineral fleece on both sides, insulation element slotted on both sides	EN 13165
Application type	–	–	DAD, DAA dh or DZ	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 for panel thickness < 80 mm 0.027 for panel thickness ≥ 80	DIN 4108-4
Thermal conductivity (EU)	λ_D	W/(mK)	0.028 for panel thickness < 80 mm 0.026 for panel thickness ≥ 80	EN 13165
Compressive stress	σ_{D10}	N/mm² kPa	≥ 0.12 (at 10 % compression) ≥ 120	EN 826
Tensile strength perpendicular to the panel surface	σ_{mt}	N/mm² kPa	≥ 0.05 ≥ 50	EN 1607
Specific thermal capacity	c	J/(kg·K)	1400	EN 12524
Water vapour diffusion resistance	μ	–	40/200	DIN 4108-4
Minimum radius	–	m	≥ 1.50	EN 12087
Resistance of polyurethane rigid foam	–	–	Chemically resistant to petrol, diesel mineral oil, micro-organisms, mould, rot-proof	–
Thickness grades	–	mm	60, 80, 120 (60 + 60), 140 (60 + 80), 160 (80 + 80)	–
Edge connection	–	–	Round about edgeless cut	–
Overlap	–	mm	2440 × 1200 (= 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
004-LICPR-200801
www.linzmeier.de/downloads

CE
DIN EN 13165
Inspection: 0751 FIW München

ÜGPU GEPRÜFT PU

pure life
safety in comfort eco-friendly
Meets the QNG requirements for prevention of hazardous substances in insulants. "pure life" is a seal of approval issued by the ÜGPU association.

Linzmeier Bauelemente GmbH
Industriestraße 21 D-88499 Riedlingen Tel.: +49 (0) 73 71 18 06-0
Schortentalstraße 24 D-07613 Königshofen/Thüringen Tel.: +49 (0) 3 66 91 7 22-0
Info@Linzmeier.de **www.Linzmeier.de**