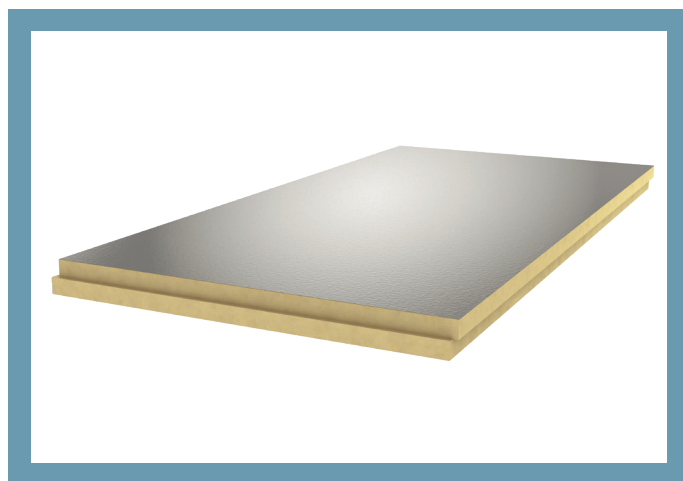


INSULATION PANELS PIR SOFT LE



DESCRIPTION

Increasing energy efficiency requirements in construction present new challenges for investors and contractors. To meet these growing demands, we offer the PIR SOFT LE insulation board, which is the key to achieving high thermal comfort while keeping heating costs low.

This board features an **exceptional thermal conductivity coefficient of $\lambda = 0,022 \text{ W/m}\cdot\text{K}$** , ensuring outstanding thermal insulation. The PIR SOFT LE board consists of two multilayer gas-tight laminate with an external aluminum foil coating with a rigid PIR foam insulation core in between. The board is available in two versions: with straight edges (SE) or L-shaped edges on all four sides (LS).

TABLE OF TECHNICAL PARAMETERS OF PIR SOFT LE PANELS

Parameter	Value							
Thickness [mm]	50*	60*	80	100	120	140	150*	160
Application	Insulation for flat roofs, shed roofs, three-layered walls, floors and terraces							
Type of milling	LS – L-shaped edges SE – straight edges							
Coverage length [mm]	2400 (SE) or 2385 (LS)							
Coverage width [mm]	1200 (SE) or 1185 (LS)							
Coverage area [m ²]	2,88 (SE) or 2,83 (LS)							
Thermal resistance R [m ² K/W]	2,25	2,70	3,60	4,50	5,45	6,35	6,80	7,25
Thermal conductivity coefficient of panel λ_D [W/m·K]	0,022 (in accordance with EN 13165:2012+A2:2016 standard)							
Reaction to fire class	E							
Compressive strength (10% strain) [kPa]	≥ 150 kPa (1,5 kg/cm ²)							
Insulation core	Rigid PIR foam with a density $32 \pm 3 \text{ kg/m}^3$ and a closed-cell structure							
Facing	LE: multilayer gas-tight laminate with an external aluminum foil coating							
Boards per pack [szt]	10	8	6	5	4	3	3	3
boards area per pack [m ²]	28,80	23,04	17,28	14,40	11,52	8,64	7,32	7,32
boards area per pallet[m ²]	144,00	115,20	86,40	72,00	57,60	51,84	43,20	43,20
boards area full load [m ²]	1584,00	1267,20	950,40	792,00	633,60	570,24	475,20	475,20

* For the SE board variant, please inquire about availability.

