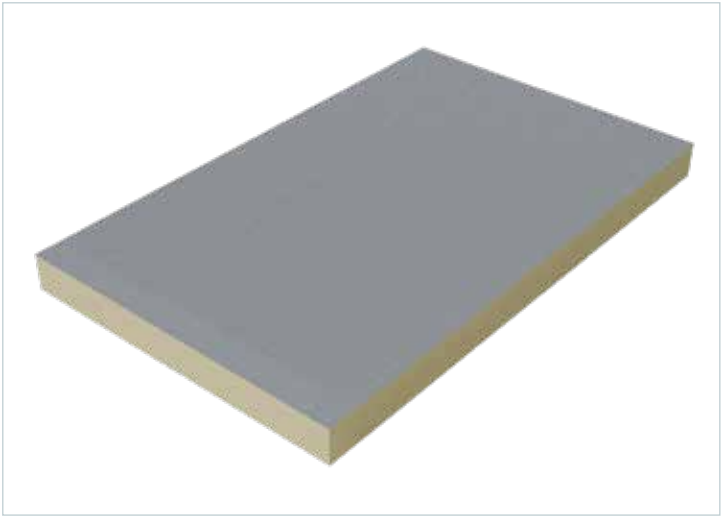


ALU/THERM AND ALU/THERM XL PIR THERMAL INSULATION BOARDS

Product description	PIR hard foam thermal insulation board with aluminum lamination on both sides.
Usage	Thermal insulating material with an exceptionally low thermal conductivity factor. Primarily for insulating high and flat roofs and floors.
Cover layer	Bottom - aluminum Top - aluminum
Edge formation	Straight, also available in stepped or tongue and groove versions from 60 mm thickness.
Product Classification Code	PU -MSZ EN 13165 - T2 - DS(70;90)3 - DS(-20;-)2 - DLT(2)5 - CS(10\Y)120 -TR80 - WS(P)0,1 - WL(T)1,0
Product type	ALU/THERM 1200 x 600 mm ALU/THERM XL 2400 x 1200 mm



Attribution	Test procedure	Unit	Requirement
External dimensions	MSZ EN 13165:2012+A2	mm	1200 x 600; XL: 2400 x 1200
Installation size - with stepped or tongue and groove edge formation	MSZ EN 13165:2012+A2	mm	1185 x 585; XL: 2385 x 1185
Thickness - with straight edge formation	MSZ EN 13165:2012+A2	mm	20 30 40 50 60 80 100 120 130 140 150 160 180 200
Thickness - with stepped or tongue and groove edge formation	MSZ EN 13165:2012+A2	mm	60 80 100 120 130 140 150 160 180 200
Thickness tolerance	MSZ EN 13165:2012+A2	mm	20 mm ≤ dn < 40 mm ±2 mm; 40 mm ≤dn ≤ 100 mm ±3 mm; 100 mm ≤ dn ≤ 200 mm +5 mm / -3 mm
Compressive strenght	MSZ EN 13165:2012+A2	kPa	CS(10)\120;≥ 120
Tensile resistance	MSZ EN 13165:2012+A2	kPa	TR 80; ≥ 80
Euroclass fire rating	MSZ EN 13501-1:2019+A1:2010		D -s3;d0
Thermal conductivity factor (λ _p)	MSZ EN 13165:2012+A2	W/mK	0,022 dn=20-200 mm
Thermal resitance	MSZ EN 13165:2012+A2	m²K/W	Rd=3,65 (80mm); Formula: Rd=thickness of the sample/ λ _p (rounding by 0,05)
Short term water absorption	MSZ EN 13165:2012+A2	kg/m²	WS(P)0,1
Long term water absorption	MSZ EN 13165:2012+A2	V/V%	WL(T)1,0