

TECHNICAL CARD

termPIR® MAX 19 AL INSULATION BOARDS



termPIR® MAX 19 AL	Product details:																																								
Description of board:	The termPIR® MAX19 AL insulation boards comprise a rigid polyisocyanurate foam thermal insulation core, featuring a thermal conductivity coefficient of 0,019 [W/m·K]. The core is protected on both sides by gas resistant multilayer aluminium (AL), paper and polyethylene facings.																																								
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* dimensions of boards with joint types are 2 to 4 % smaller																																									
Information about product safety:	Information about substances contained in the product referred to in Art. 31 and 33 of the Regulation (CE) No.1907/2006 (REACH): Not applicable.																																								
Instruction:	<p>Boards can be installed in one or multiple layers in an interlocking manner. Boards should fit tightly to each other. The substructure needs to be stable.</p> <p>Install mechanically with fasteners, glue or suspend - depending on the kind of substructure and type of waterproofing. Prevent from pulling the fasteners through the board. Secure against the impact of weather conditions. The boards are not load-bearing elements</p> <p>Additional information is available in the Technical Catalogue at the website www.termpir.eu</p>																																								

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Kind of core:	Rigid polyisocyanurate foam (PIR)																																																																																																																																																																																																														
Apparent PIR core density:	$\rho = 30 \text{ kg/m}^3$																																																																																																																																																																																																														
Declared heat transfer coefficient for lining:	for $(80 \leq d_w \leq 220 \text{ mm})$: $\lambda_D = 0,019 \text{ (W/m·K)}$																																																																																																																																																																																																														
Standard board dimensions [mm]:	600 x 1200 / 1200 x 2400 (minus the depth of the joint)																																																																																																																																																																																																														
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Reaction to fire (of the product as placed on the market):	E class																																																																																																																																																																																																														

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Buildings:	Intended use of the board:	
residential, high density housing	on rafter insulation system on pitched roofs	■
residential	under rafter insulation system on pitched roof	■
residential, retail and industrial	build Up Roofs [BUR] - Flat roofs, mechanically fastened	■
residential, retail and industrial	build Up Roofs [BUR] - Flat roofs, adhesive or glued systems	■
residential, retail and industrial	triple layered external walls - cavity walls	■
residential, retail and industrial	double layered external walls - ETICS system	
residential, retail and industrial	basement and foundation walls	■
residential, retail and industrial	partition walls	
residential, retail and industrial	slabs between floors	■
residential, retail and industrial	ground floor slabs	■
livestock, industrial	suspended ceilings - high pressure washable	
existing, historic, stair-cores	internal wall insulation	
prefabricated concrete walls	highly resistant to corrosion caused by concrete	

■ the board recommended for use ■ boards that can be used