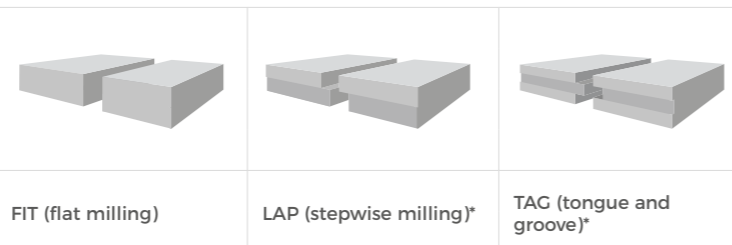
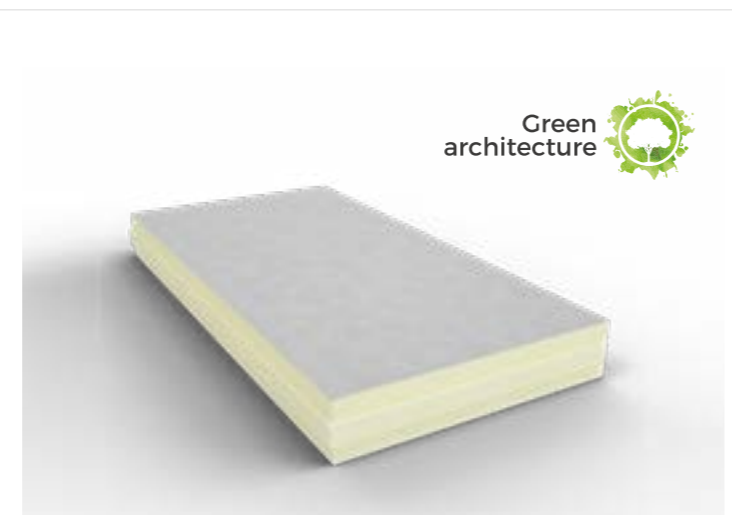


termPIR® AGRO AL CEIL **Product details:**

Description of board:	<p>The termPIR® AGRO AL CEIL insulation boards comprise of a PIR rigid foam thermal insulation core. The boards are protected on both sides with a washable gas tight aluminium foil lining thickness 50 µm (Agro AL).</p> <p>The boards have a B-s2,d0 classification in end use. Details available in the fire classification.</p>
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Certificates / Approvals:

CE mark	■
ISO 9001, ISO 14001 System certificates	■
Compatibility with EN 13165+A2 and EN 13172	■



* 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:	
Kind of core:	Rigid polyisocyanurate foam (PIR)
Apparent PIR core density:	$\rho = 30 \text{ kg/m}^3$
Declared heat transfer coefficient for lining:	for $(50 \leq d_N \leq 250 \text{ mm})$: $\lambda_D = 0,022 \text{ (W/m}\cdot\text{K)}$
Standard board dimensions [mm]:	600 x 1200 / 1200 x 2400 (minus the depth of the joint)
Available boards dimensions [mm]:	1000 x 1200 / 1200 x 1200 / 1200 x 1800 / 1200 x 3000 (minus the depth of the joint)

termPIR® AGRO AL CEIL **Product details:**

Coefficient: $U \text{ [W/m}^2\cdot\text{K]}$, wg $U = 1 / (R_e + R_D + R_i)$									
For a given nominal thickness [mm]:	Thermal resistance: $R_D \text{ [m}^2\cdot\text{K/W]}$	50	2,30	60	2,75	70	3,25	80	3,70
		90	4,15	100	4,65	110	5,10	120	5,55
		130	6,05	140	6,50	150	6,95	160	7,45
		170	7,90	180	8,35	190	8,85	200	9,30
		210	9,75	220	10,2	230	10,7	240	11,1
		9,75		10,25		10,75		11,15	
		250	0,08	-	-	-	-	-	-

Compressive strength at 10% of deformation:	$\sigma \geq 120 \text{ kPa}$	$50 \leq d_N < 250 \text{ mm}$,
Flatness after one-sided moisting:	$\leq 10 \text{ mm / FW2}$	
Long-term absorption upon complete immersion:	$\leq 2 \% \text{ [kg/kg]} / \text{WL(T)2}$	
Dimensional stability:	for $(50 \leq d_N < 180 \text{ mm})$: DS(70,90)2	
Reaction to fire (of the product as placed on the market):	class D-s2,d0	

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