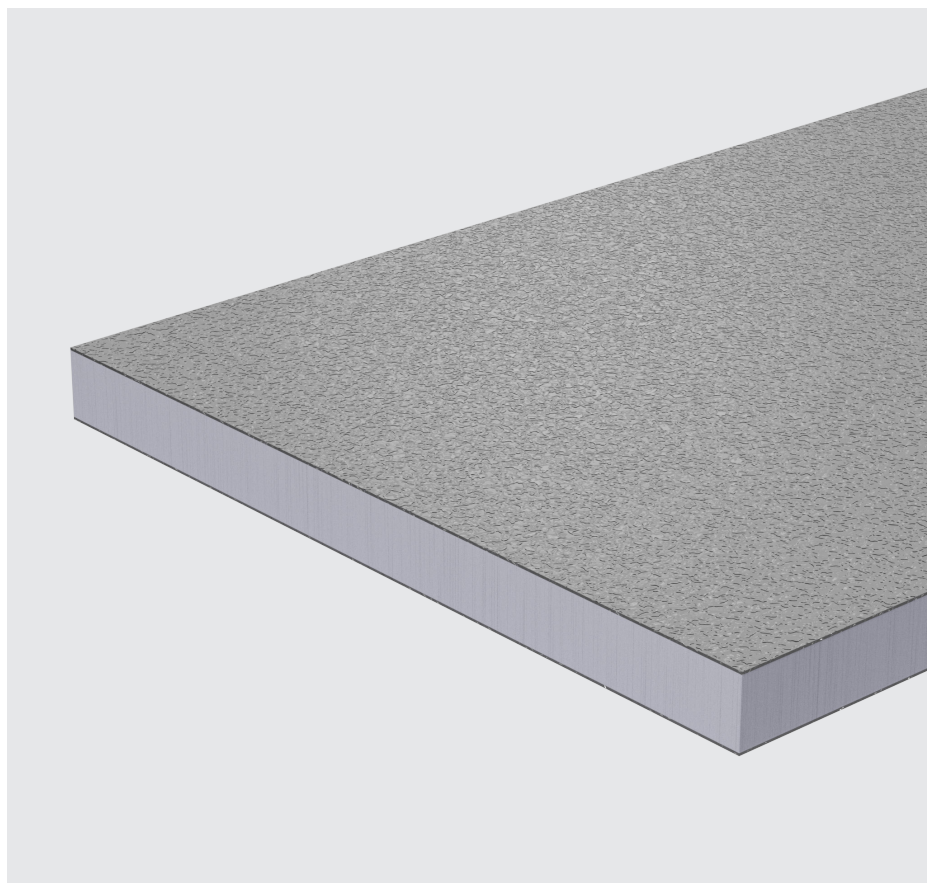


Insulation



Panel PIR-ALU 35



- Light panels with great rigidity.
- Easy to handle, to cut, to mount and to assemble.

CE


Kingspan[®]

Panel PIR-ALU 35

Description

- Rigid polyisocyanurate (PIR) foam panel coated on both sides with embossed aluminium foil.

Applications

- Manufacture of pre-insulated ducts for air distribution and/or ventilation systems, heating and for air-conditioning equipment (HVAC).

Advantages

- Low water absorption due to the closed cell structure of polymer.

- Light panels with great rigidity.
- Easy to handle, to cut and to assemble.

Presentation

- Dimensions: 3000 x 1200 mm.
**For other dimensions, please contact the technical department.*
- Thickness: 20, 25, 30 and 40 mm.

Properties

		Class according to EN 14308*	Standard	Units	Specified values
Declared Coeff. Thermal Conductivity		$\lambda_D, 10^\circ\text{C}$	EN 12667	W/m·K	0,023
Dimensional stability 48h 70°C & 90%RH		DS(TH)3	EN 1604	%	$\Delta\epsilon_l, \Delta\epsilon_b \leq 2$ $\Delta\epsilon_d \leq 6$
Dimensional stability 48h -20°C		DS(TH)3	EN 1604	%	$\Delta\epsilon_l, \Delta\epsilon_b \leq 0,5$ $\Delta\epsilon_d \leq 2$
Water absorption		WL(T)1	EN 12087	%	≤ 1
Reaction to fire		-	EN 13501-1	-	C-s2, d0
Rigidity	dN 20 mm		EN 13403	N·mm ²	R4 (200.000)

* UNE-EN 14308:2011+A1:2013 and UNE-EN 13403:2003

Thermal Properties

Thickness (mm)	20	25	30	40
Thermal resistance (m ² ·K/W)	0,90	1,10	1,35	1,80



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