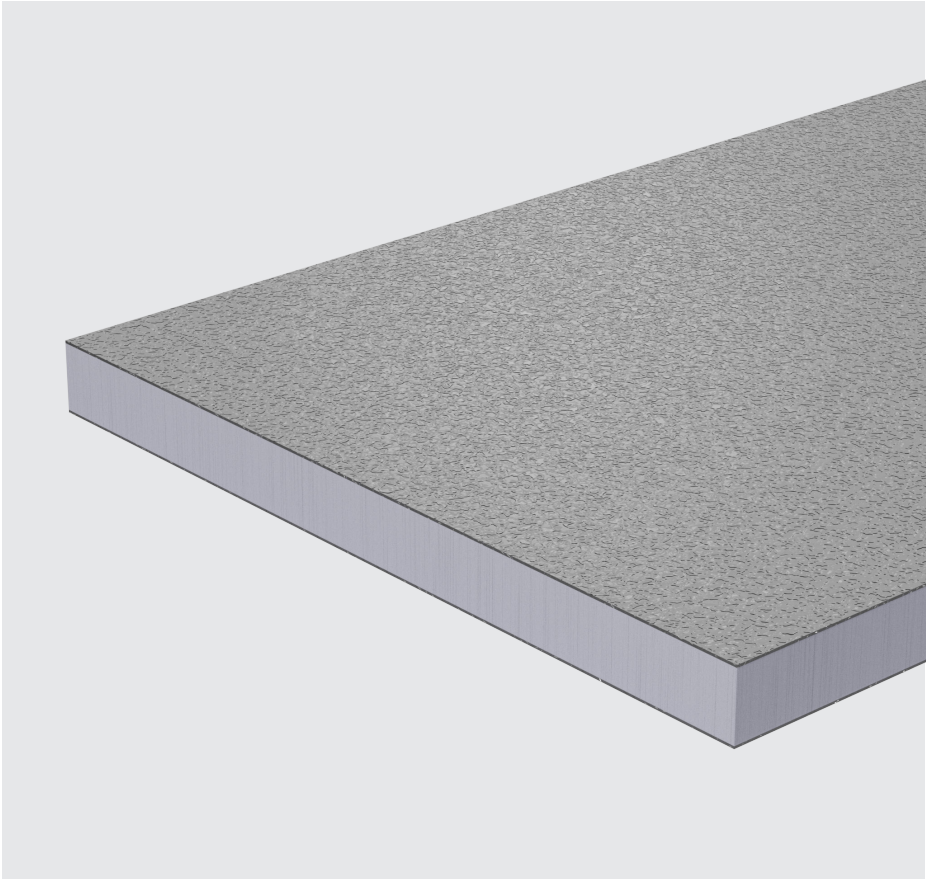
Insulation

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		λ_D, 10°C	EN 12667	W/m·K	0,023
Dimensional stability 48h 70°C & 90%RH		DS(TH)3	EN 1604	%	Δεl, Δεb ≤2 Δεd ≤6
Dimensional stability 48h -20°C		DS(TH)3	EN 1604	%	Δεl, Δεb ≤0,5 Δεd ≤2
Water absorption		WL(T)1	EN 12087	%	≤1
Reaction to fire		-	EN 13501-1	-	C-s2, d0
Rigidity	d_N 20 mm		EN 13403	N·mm2	R4 (200.000)

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

Thermal Properties

Thickness (mm)	20	25	30	40
Thermal resistance (m2·K/W)	0,90	1,10	1,35	1,80

Kingspan Insulation, S.A.U.
Crta. C-65, Km.16 - Pol. Ind. el Trust
17244 Cassà de la Selva (Girona - SPAIN)
T: +34 972 460 472

Pol. Ind. Guillarei - Albelos, 2 - 36720 Tui (Pontevedra - SPAIN)
T: +34 986 601 422

61 Avenue du Stade - 63200 Riom (France)

E: info@kingspanaislamiento.es

www.kingspan.com

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