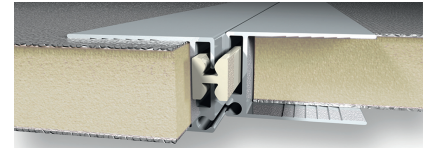
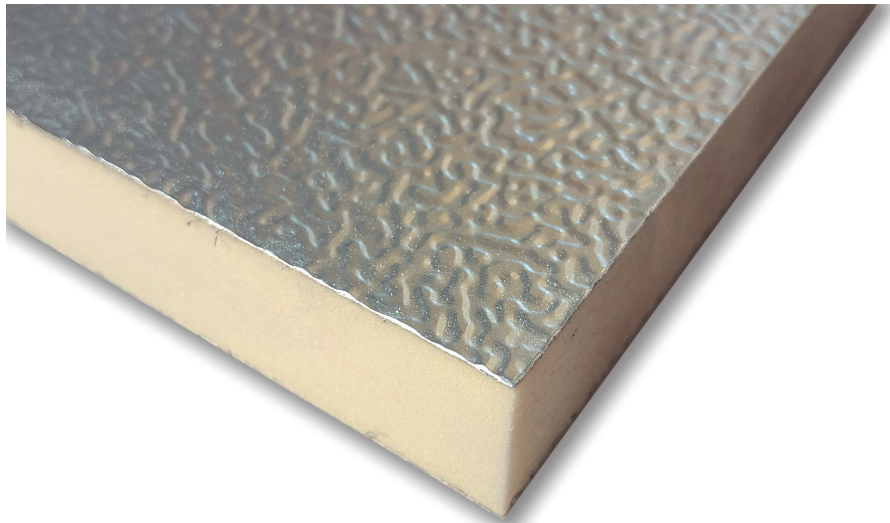


- Plates
- Polyisocyanurate (PIR)
- 35 kg/m³
- CAIROX



PIR-plates 60µ 20mm thickness type PIR-AI6

Polyisocyanurate (PIR) rigid foam panel, coated with embossed aluminium foil on both sides.

Application

- Duct construction in air distribution, heating, ventilation and air-conditioning systems (HVAC)
- Apparent installation with little impact on the structure
- Ducts of small and medium sizes
- Construction of plenum boxes
- PIR plates are only for inside use

Composition

- Density 35 ±3.0 kg/m³
- Thickness aluminium layer: 60µm
- Standard thickness is 20 mm
- Dimensions: 2000 x 1200 mm
- Fire class: B - s1, d0 according to EN 13501-1 (joints protected)
- Rigidity class: EN 13403, 160.000 (R3)
- Average thermal conductivity coefficient- λ at 10°C: 0.022 W/mK, EN 13165

Chemical and physical characteristics

- The coating of the panel consists of an corrugated aluminium foil (60µ) with a protective lacquer on both sides
- The blowing agent is CFC and HCFC-free
- Fiber-free product

Smoke toxicity

- Smoke toxicity : British Naval Engineering Standard NES 713 < 4.5

Operating temperature

AI6 panels are used in a range of continous temperatures normally included between -40° Cand +110°C. Long exposure to the temperatures could cause deformations of the foam or to the coatings, but without sublimation or fusion.

Accessories

- Connection flanges, type **21 FN/ALU**, **21 FN/PVC**
- Bayonet, type **21 FN/BAJ**
- PVC corner pieces, type **ST155**
- Aluminium profiles, type **21 PRO1**, **21 PRO2**, **21 PRO3** or **21 PRO6**
- Glue, type **PROFILES GLUE**
- Tool case , type **PIR-STC**
- Aluminium tape, type **ALUTAPE 40S PREMIUM**
- Silicone, type **NEU**