

Panel PUR AL



DESCRIPTION

- Polyisocyanurate (PIR) rigid foam panels faced, both sides, with a kraft-aluminum paper complex.

APPLICATIONS

- Thermal insulation as false ceilings in industrial and agricultural buildings.

ADVANTAGES

- Lower thickness insulation thanks to the low thermal conductivity coefficient of polyisocyanurate foam and to the aluminum facing.
- Practically no water absorption thanks to its structure of closed cell of polymer and to the alu multilayered facer.
- Light panels with great rigidity.
- The alu multilayered complex protects the panel against the usual aggressive atmosphere of the farms
- Easy to manipulate and to install.

PRESENTATION

- Width: 1200mm.
- Length according to customer's request.
- Thickness: 30, 40, 50 and 60mm.
- Possibility of longitudinal grooving to be used in combination with a PVC profile in a H shape.

PROPERTIES

	CLASS acc. EN 13165	STANDARD	UNITS	VALUES
Initial thermal conductivity coefficient	λ_i (7d 10°C)	EN 12667	W/m·K	0,022
Declared thermal conductivity coefficient	λ_D , 10°C	EN 12667	W/m·K	0,028
Compressive strength	CS(10/Y)175	EN 826	kPa	200±25
Thickness	T2	EN 823	mm	$e < 50 \pm 2$ $50 \geq e \pm 3$
Reaction to fire. Euroclase	-	EN 13501-1	-	F

THERMAL PROPERTIES

Thickness (mm)	30	40	50	60
Thermal resistance (m ² ·K/W)	1,05	1,40	1,75	2,10