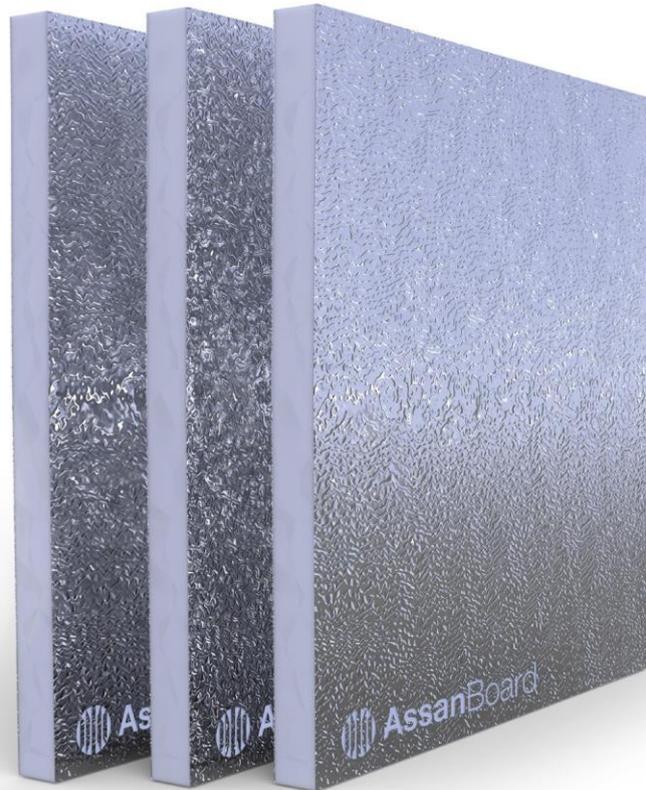


## INSULATION BOARD



### What is AssanBoard Insulation Board?

It is an insulation board that is being used in roof, wall and floor insulation. It is produced by covering the PUR (polyurethane) and PIR (polyisocyanurate) boards with surface covering materials.

### Areas of Use

AssanBoard insulation boards are being used in roof, wall and floor insulations. Mainly in industrial buildings, houses, public buildings, malls, cold room stores, all kinds of cold and hot roof applications. Provides heat, sound and water insulation. It's an anti moulding material. It satisfies all the insulation needs of the buildings with different surface covering alternatives chosen in accordance with the preferred insulation material.

### Advantages

- Fire resistance
- Moisture resistance
- High compression strength
- Economic and easy to install
- Provides high energy saving
- Nature friendly and sustainable buildings

## Product Properties

<b>Product</b>	AssanBoard
<b>Production Plant</b>	Balıkesir
<b>Insulation</b>	PUR/PIR
<b>Polyurethane/Polyisocyanurate Thicknes</b>	30-40-50-60-100 mm
<b>Polyurethane/Polyisocyanurate Density (EN 1602)</b>	36 ( $\pm 2$ ) kg/m <sup>3</sup> - 40 ( $\pm 2$ ) kg/m <sup>3</sup>
<b>Reaction to Fire (EN 13501)</b>	b-s2, d0 (in application)
<b>Available Sizes</b>	1200x600 mm - 1200x2400 mm
<b>Thermal Conductivity (EN 13165)</b>	0,024 W/mK
<b>Heat Resistance</b>	-200 /+110 °C

## Surface Covering Types

Insulation	Thickness (mm)	R Value (m <sup>2</sup> K/W)	U Value (W/m <sup>2</sup> K)
PUR-PIR	30	1,25	0,80
	40	1,67	0,60
	50	2,08	0,48
	60	2,50	0,40
	100	4,17	0,24

Covering Type	Top Surface	Bottom Surface
Craft Paper	x	x
Aluminum Foil	x	x
Membran	x	x
Aluminum + Craft Paper	x	x