

# IKO enertherm ALU 50

## Product description:

IKO enertherm ALU 50 is a **100 % CFC, HCFC or HFC-free** insulation board with a rigid polyisocyanurate foam core, clad on both sides with a 50 µm unmarked gastight aluminium layer.

## Application:

**Wrap:** outside wall insulation

**Base:** basement insulation



## Edge finish:



Tongue and groove (TG)

## Thermal performance:

Thermal conductivity coefficient: (EN 13165)  $\lambda$ D: **0,022 W/(m.K)**

## Technical details:

- Bulk density:  $\pm$  **32 kg/m<sup>3</sup>**
- Compressive strength at 10 % deformation:  $\geq$  **150 kPa (15 ton/m<sup>2</sup>)**
- Closed cells: **more than 95%**
- Water vapour diffusion resistance: PIR foam:  $\mu$  = **60** - ALU lamination:  $\mu$  > **100,000**

## Fire properties

- Reaction to fire according to EN 13501-1: **Class D-s2, d0**
- Reaction to fire "end use" according to EN 13501-1 and EN 438-7 : **Class B-s2, d0**
- Reaction to fire according to BS 476 - p7: **Class 1**

## Technical approvals:

**Europe:** CE marking - EN 13165: T2-DS(70,90)3-DS (-20,-)1-DLT(2)5-TR60-CS(10Y)150-WL(T)1

**Belgium:** ATG H867 - ATG2726 - ATG2727

**France:** Certificat Acermi N° 12/103/800

**Germany:** Q-Zeichen PU-373.0-01

## Availability:

Thickness (mm) Rd (m <sup>2</sup> .K/W)		53	60	70	82	100	120	140
		2,40	2,70	3,15	3,70	4,50	5,45	6,35
1200 x 600	m <sup>2</sup> /pak	6,48	5,76	5,04	4,32	3,60	2,88	2,16
	m <sup>2</sup> /pal	64,80	57,60	50,40	43,20	36,00	28,80	25,92

Consult the application brochure for availability in your country.