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) **λD: 0,022 W/(m.K)**

Technical details:

- Bulk density: **± 32 kg/m³**
- Compressive strength at 10 % deformation: **≥ 150 kPa (15 ton/m²)**
- Closed cells: **more than 95%**
- Water vapour diffusion resistance: PIR foam: **µ = 60** - ALU lamination: **µ > 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 markering – 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 (m2.K/W)		53 2,40	60 2,70	70 3,15	82 3,70	100 4,50	120 5,45	140 6,35
1200 x 600	m²/pak	6,48	5,76	5,04	4,32	3,60	2,88	2,16
	m²/pal	64,80	57,60	50,40	43,20	36,00	28,80	25,92

Consult the application brochure for availability in your country.