

IKO enertherm ALU FB

Product description:

IKO enertherm ALU FB is a 100 % **CFC, HCFC or HFC-free** insulation board with a rigid polyisocyanurate foam core, clad on both sides with a multi-layer gastight aluminium complex. This high-quality reflecting ALU cladding consists of no fewer than seven layers, combined into a single complex.

Application:

Frame: timberframe construction

Roof: flat roof insulation on wood, steel or concrete support

Floor: floor insulation



Edge finish:

 Straight

Thermal performance:

Thermal conduction coefficient: (EN 13165) λ_b : **0,022 W/(m.K)**

Technical details:

- Bulk density: \pm **32 kg/m³**
- Compressive strength at 10% deformation: **175 kPa (17,5 ton/m²)**
- Behaviour under uniformly distributed loading: **class C** (\leq 5 % deformation at 80 °C and 40 kPa loading)
- Closed cells: **more than 95%**
- Water vapour diffusion: PIR foam: μ = **60** - ALU facing: μ > **100,000**
- Water absorption long term: **WLT class 1 (<1%)**

Fire properties

- Fire class according to EN 13501-1: Class E
- Fire class 'end use' according to 13501-1 and EN 15715: B-s2,d0 (steeldeck)
- Fire class according to BS 476 - p7 : Class 1

Technical approvals:

Europe: CE - EN 13165: T2-DS(70,90)3-DS(-20,-)1-DLT(2)5-TR80 (\leq 140 mm) TR40 ($>$ 140 mm)-CS(10Y)150-WL(T)1

Germany: PU-244.0-01/17 Bauaufsichtliche Zulassung Z 23.15-1611

United Kingdom: BBA 15/5283

USA: FM Factory Mutual (see roofnav.com)

Availability:

Epaisseur (mm) Rd (m ² .K/W)		20	30	40	50	60	70	80	90	100	120	130	140
		0,90	1,35	1,80	2,25	2,70	3,15	3,60	4,05	4,50	5,45	-	6,35
1 200 x 600	m2/pac	18,00	11,52	8,64	7,20	5,76	5,04	4,32	2,88	3,60	2,88	-	2,16
	m2/pal	180,00	115,20	86,40	72,00	57,60	50,40	43,20	40,32	36,00	28,80	-	25,92

Consult the application documentation for availability in your area.