

IKO enertherm GOLD

Product description:

IKO enertherm GOLD 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 rooftop insulation consists of no fewer than seven layers, combined into a single complex. It is tested under extreme conditions in respect of water absorption, mechanical properties, corrosion resistance and emissivity.

Application:

Rooftop: flat roof insulation for timber, concrete and steel deck.

Edge finish:

■ Straight

Thermal performance:

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

Fire properties

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

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**



Technical approvals:

Europe: CE - EN 13165: T2-DS(70,90)3-DS(-20,-)1-DLT(2)-TR80CS(10Y)175-WL(T)1

BBA Approved

Availability:

Thickness (mm)		30	40	50	60	70	80	100	120	140	150
1 200 x 1 200	m ² /pack	23,04	17,28	14,40		10,05	8,64	7,2	5,76	4,32	
	m ² /pal	115,2	86,04	72		50,4	43,2	36	28,8	25,92	
2 400 x 1 200	m ² /pack	46,08		28,8	23,04		17,28	14,4	11,52	8,64	5,76
	m ² /pal	230,4		144	115,2		86,4	72	57,6	51,84	46,08