

IKO enertherm ALU TAP

Product description:

IKO enertherm ALU TAP is a 100 % CFC, HCFC or HFC-free insulation board with a rigid polyisocyanurate foam core, clad on both sides with a reflective multi-layer gastight aluminium complex. This high-quality ALU TAP cladding 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: IKO Enertherm ALU TAP provides a drainage solution to ponding water on flat roofs for timber, concrete and steel decks.

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: **Class E**
 Fire class according to BS 476 - p7 : **Class 1**

Technical details:

Bulk density: $\pm 32 \text{ kg/m}^3$
 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: $\mu = 60$ - ALU facing: $\mu > 100,000$
 Existing gradients
 - 1:120, 0,83%
 - 1:80, 1,25%
 - 1:60, 1,67%



Technical approvals:

Europe: CE - EN 13165: T2-DS(70,90)3-DS(-20,-)1-DLT(5)-TR80CS(10Y)175-WL(T)1

Availability:

Packaging units	Thickness (mm)								
	30 - 40	40 - 50	50 - 60	60 - 70	70 - 80	80 - 90	90 - 100	100 - 110	110 - 120
1/120 (0.83%)									
m ² / pack	20,16	14,4	11,52	8,64	8,64	5,76	5,76	5,76	5,76
Boards / pack	14	10	8	6	6	4	4	4	4
1/80 (1.25%)									
m ² / pack	17,28	11,52	8,64	8,64	5,76	5,76			
Boards / pack	12	8	6	6	4	4			
1/60 (1.67%)									
m ² / pack	14,4	8,64	5,76	5,76					
Boards / pack	10	6	4	4					