

IKO enertherm ALU TAP

Product description:

IKO enertherm ALU TAP is a 100 % CFC, HCFC or HFC-free tapered 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. 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 perfect drainage to the pipes on flat roofs with for timber, concrete or steel deck support.



Edge finish:

■ Straight

Thermal performance:

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

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%), 1/50 (2,08%).

Fire properties

Reaction to fire class according to EN 13501-1: Class E
 Reaction to fire class 'end use' according to EN 13501-1: B-s2, d0 (steel deck)

Technical approvals:

Europe: CE - EN 13165: T2-DS(70,90)3-DS(-20,-)1-DLT(2)- TR80-CS(10Y)175-WL(T)1
Belgium: ATG 2726, ATG H867
Netherlands: Komo Attest met Productiecertificaat CTG 485
United Kingdom: BBA 15/5283
USA: FM Factory Mutual (see roofnav.com)

Availability:

ALU TAP (1200 x 1200 mm)	Thickness (mm)						
1/120 (0,83%)	30 - 40	40 - 50	50 - 60	60 - 70	70 - 80	80 - 90	90 - 100
1/80 (1,25%)	30 - 45	45 - 60	60 - 75	75 - 90	90 - 105	105 - 120	
1/60 (1,67%)	40 - 60	60 - 80	80 - 100	100 - 120			
1/50 (2,08%)	20 - 45	45 - 70	70 - 95	95 - 120			

Packaging units	Thickness (mm)						
1/120 (0,83%)	30-40	40-50	50-60	60-70	70-80	80-90	90-100
m ² / pack	20,16	14,4	11,52	8,64	8,64	5,76	5,76
Boards / pack	14	10	8	6	6	4	4
1/80 (1,25%)	30-45	45-60	60-75	75-90	90-105	105-120	
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%)	40-60	60-80	80-100	100-120			
m ² / pack	14,4	8,64	5,76	5,76			
Boards / pack	10	6	4	4			
1/50 (2,08%)	20-45	45-70	70-95	95-120			
m ² / pack	14,4	8,64	8,64	5,76			
Boards / pack	10	6	6	4			