

# IKO enertherm ALU TAP

## Product description:

IKO enertherm ALU 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. 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)  
 $\lambda_D$ : 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/m<sup>2</sup>)  
 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

Fire class according to EN 13501-1: Class E

## Technical approvals:

Europe: CE - EN 13165: T2-DS(70,90)3-DS(-20,-)1-DLT(2)-TR80-CS(10Y)175-WL(T)1

## 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	100 - 110	110 - 120
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	100-110	110-120
m <sup>2</sup> / 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%)	30-45	45-60	60-75	75-90	90-105	105-120			
m <sup>2</sup> / 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 <sup>2</sup> / 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 <sup>2</sup> / pack	14,4	8,64	8,64	5,76					
Boards / pack	10	6	6	4					