

# IKO enertherm ALU CW

## 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 low emissivity 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:

**Wall:** Partial Fill Cavity Wall Insulation



## Edge finish:

 Straight

## Thermal performance:

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

## Technical details:

Bulk density:  $\pm$  **32 kg/m<sup>3</sup>**

Compressive strength at 10% deformation: **150 kPa (15 ton/m<sup>2</sup>)**

Behaviour under uniformly distributed loading: **Class C** ( $\leq$  5% deformation at 70 °C and 40 kPa loading)

Closed cells: **more than 95%**

Water vapour diffusion: PIR foam:  $\mu$  = **60** - ALU facing:  $\mu$  > **100.000**

Aged emissivity of unprinted foil-facing: **0.05**

UK: BBA 15/5283

## Fire properties

Fire class according to EN 13501-1: **NPD**

## Technical approvals:

**UKCA:** BS/EN 13165: T2-DS(70,90)3-DS(-20,-)1-DLT(2)5-CS(10Y)150-WL(T)1

## Availability:

Thickness (mm)		50	60	75	100
1 200 x 450	m2/pack	5,40	4,32	2,16	2,70
	m2/pal	54,00	43,20	34,56	27,00