

# IKO enertherm ALU FF

## Product description:

IKO enertherm ALU FF 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 an aluminium composite foil facing on both sides. This insulation board is suitable for the insulation of a completely filled masonry cavity wall, whilst maintaining a residual 10 mm cavity to resist moisture transfer.

## Application:

**Wall:** Full Fill Cavity Wall Insulation



## Edge finish:

 Tongue and groove (TG)

## 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: **140 kPa (14 ton/m<sup>2</sup>)**

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**

## Fire properties

Fire class according to EN 13501-1: Euroclass F

## Technical approvals:

**UKCA:** BS/EN 13165: T2-DS(70,90)3-DS(-20,-)1-CS(10Y)140

## Availability:

Thickness (mm)		90	115	140
1 200 x 450	m <sup>2</sup> /pack	2,16	2,16	1,62
	m <sup>2</sup> /pal	60,48	43,20	32,40