

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) λ D: **0,022 W/(m.K)**

Technical details:

Bulk density: \pm **32 kg/m³**

Compressive strength at 10% deformation: **140 kPa (14 ton/m²)**

Closed cells: **more than 95%**

Water vapour diffusion: PIR foam: μ = **60** - ALU facing: μ > **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 ² /pack	2,16	2,16	1,62
	m ² /pal	60,48	43,20	32,40