

IKO enertherm ALU NF AS

Product description:

IKO enertherm ALU NF AS is a 100 % CFC, HCFC or HFC-free insulation board with a hard polyisocyanurate foam core, coated on both sides with a multi-layer gastight aluminium complex that serves as an anti-slip and non-reflective surface.

Application:

Sarking: pitched roof 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: **$\pm 32 \text{ kg/m}^3$**
- 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: **$\mu > 100,000$**

Fire properties

Fire class according to EN 13501-1: **Class F**

Technical approvals:

Europe: CE - EN 13165: T2-DS(70,90)3-DS(-20,-)1-DLT(2)5-TR80 (≤ 140 mm) TR40 (< 140 mm)-CS(10Y)175-WL(T)1

Availability:

Thickness (mm) Rd (m ² .K/W)		100	120	132	160
		4,50	5,45	6,00	7,25
2 400 x 1 200	m2/pac	5,76	5,76	5,76	5,76
	m2/pal	69,12	57,60	51,84	46,08