

# 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)  $\lambda_D$ : **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:  $\mu > 100,000$

## 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 ( $\leq 140$  mm) TR40 ( $< 140$  mm)-CS(10Y)175-WL(T)1

## Availability:

Thickness (mm)		100	120	140	160
Rd (m <sup>2</sup> .K/W)		4,50	5,45	6,35	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