

IKO enertherm BGF

Product description:

IKO enertherm BGF is a **100 % CFC, HCFC, and HFC-free** insulation board with a core in hard polyisocyanurate foam, laminated on both sides with a polypropylene-coated bituminous **sand and talc-free** glass fabric.

Application:

Roof top: flat roof insulation for use with torch-applied bituminous roofing

Edge finish:

 Straight
  Rebate (SP)

Thermal performance:

Thermal conductivity: (EN 13165) λ_D : **0,027 W/(m.K)** until 120 mm, **0,026 W/(m.K)** from 120 mm.

Fire properties

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

Technical details:

- Bulk density: $\pm 32 \text{ kg/m}^3$
- Compressive strength at 10 % deformation: $\geq 150 \text{ kPa (15 ton/m}^2)$
- Behaviour under uniformly distributed loading: **class C** (≤ 5 % deformation at 80 °C and 40 kPa loading)
- Closed cells: **more than 95%**
- Water vapour diffusion resistance: PIR foam: $\mu = 60$ - lamination: $\mu > 100$



Technical approvals:

Europe: CE marking - EN 13165: T2-DS(70,90)3-DS (-20,-)1-DLT(2)5-TR80-CS(10Y)150-WL(T)1

Belgium: ATG 2726

Netherlands: Komo CTG 485

Germany: Bauaufsichtliche Zulassung Z 23.15-1611

Availability:

mm		81	100	120	140
1200 x 1000	RD-value (m ² .K/W)	3,00	3,70	4,60	5,35

Packaging units		81	100	120	140
1200 x 1000	m ² /pack	7,20	6,00	4,80	3,60
	m ² /pall	36,00	30,00	24,00	21,60

Pack height: max 500 mm, pallet height: maximum 2,600 mm (incl. 100 mm feet)