

# 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)  $\lambda_D$ : **0,027 W/(m.K)** until 120 mm, **0,026 W/(m.K)** from 120 mm.

## Technical details:

- Bulk density:  $\pm$  **32 kg/m<sup>3</sup>**
- Compressive strength at 10 % deformation:  $\geq$  **150 kPa (15 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 resistance: PIR foam:  $\mu$  = **60** - lamination:  $\mu$  > **100**

## Fire properties

Fire class to EN 13501-1: **NPD**

## 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

## Availability:

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

Packaging units		100	120	140	
1200 x 1000	m <sup>2</sup> /pack	6,00	4,80	3,60	
	m <sup>2</sup> /pall		30,00	24,00	21,60

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