

# IKO enertherm MG

## Product description:

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

## Application:

**Roof top:** flat roof insulation for use with bitumen, mastic asphalt, single-ply or or adhesive bonded waterproofing systems.



## Edge finish:

 Straight

## Thermal performance:

Thermal conductivity: (EN 13165)  $\lambda$ D: **0,026 W/(m.K)** untill 120 mm, **0,025 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: **Class E**

## 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 - ATG H867

**Netherlands:** Komo CTG 485

## Availability:

Thickness (mm)		30	40	50	60	70	81	90	100	120	140	160
Rd (m <sup>2</sup> .K/W)		1,15	1,50	1,90	2,30	2,65	3,10	3,45	3,80	4,80	5,60	6,40
1 200 x 1 000	m2/pac	19,20	14,40	-	9,60	-	7,20	-	6,00	4,80	3,6	-
	m2/pal	96,00	72,00	-	48,00	-	36,00	-	30,00	24,00	21,60	-
1 200 x 600	m2/pac	-	-	-	-	-	-	-	-	-	-	2,88
	m2/pal	-	-	-	-	-	-	-	-	-	-	28,80

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