

# 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
  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.

## Fire properties

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

## 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**



## 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

**Germany:** Bauaufsichtliche Zulassung Z 23.15-1611

## Availability:

Thickness (mm) Rd (m <sup>2</sup> .K/W)		30	40	50	60	70	81	90	100	120	140
		1,10	1,45	1,85	2,20	2,55	3,00	3,30	3,70	4,60	5,35
1 200 x 600 (SP)	m2/pac	11,52	8,64	7,20	5,76	-	4,32	-	3,60	2,88	2,16
	m2/pal	115,20	86,40	72,00	57,60	-	43,20	-	36,00	28,80	25,92
1 200 x 1 000	m2/pac	19,20	14,40	12,00	9,60	8,40	7,20	4,80	6,00	4,80	3,6
	m2/pal	96,00	72,00	48,00	42,00	42,00	36,00	33,60	30,00	24,00	21,60
2 400 x 1 200 (SP)	m2/pac	-	34,56	28,80	-	20,16	17,28	-	14,40	11,52	8,64
	m2/pal	-	172,80	144,00	-	100,80	86,40	-	72,00	57,60	51,84

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