

# 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: **0,027 W/(m.K)** untill 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: **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

**Germany:** Q-Zeichen PU-244.0-03

## Availability:

| Thickness (mm)           |        | 30     | 40     | 50   | 60    | 70     | 81    | 90   | 100   | 120   | 140   |
|--------------------------|--------|--------|--------|------|-------|--------|-------|------|-------|-------|-------|
| Rd (m <sup>2</sup> .K/W) |        | 1,10   | 1,45   | 1,85 | 2,20  | 2,55   | 3,00  | 3,30 | 3,70  | 4,60  | 5,35  |
| 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  | -    | 42,00 | -      | 36,00 | -    | 30,00 | 24,00 | 21,60 |
| 2 400 x 1 200            | m2/pac | 46,08  | 34,56  | -    | -     | 20,16  | 17,28 | -    | 14,40 | -     | -     |
|                          | m2/pal | 230,40 | 172,80 | -    | -     | 100,80 | 86,40 | -    | 72,00 | -     | -     |

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