

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: Flat roof insulation for use with bitumen, mastic asphalt, single-ply or adhesive bonded waterproofing systems.



Edge finish:

 Straight

Thermal performance:

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

Technical details:

Bulk density: \pm **32 kg/m³**
 Compressive strength at 10% deformation: \geq **150 kPa (15 ton/m²)**
 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: μ = **60** - lamination: μ > **100**

Fire properties

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

Technical approvals:

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

Availability:

| Thickness (mm) | | 30 | 40 | 50 | 60 | 70 | 81 | 90 | 100 | 120 | 140 |
|----------------|---------|-------|-------|----|-------|----|-------|----|-------|-------|-------|
| 1 200 x 1 000 | m2/pack | 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 |

Pack height: max 500 mm, pallet height: maximaal 2600 mm (incl. 100 mm feet).