

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 or adhesive bonded waterproofing systems.



Edge finish:



Straight

Thermal performance:

Thermal conductivity: (EN 13165) λ_D : **0,026 W/(m.K)** untill 120 mm, **0,025 W/(m.K)** from 120 mm.

Technical details:

Bulk density: $\pm 32 \text{ kg/m}^3$

Compressive strength at 10% deformation: $\geq 150 \text{ kPa (15 ton/m}^2\text{)}$

Behaviour under uniformly distributed loading ($\leq 5 \%$ 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:

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) Rd (m ² .K/W)		30 1,15	40 1,50	50 1,90	60 2,30	70 2,65	81 3,10	90 3,45	100 3,80	120 4,80	140 5,60	160 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).