

IKO enertherm MG



Product description:

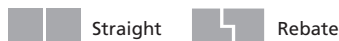
IKO enertherm MG is a **100 % CFC, HCFC, and HFC-free** insulation board with a core in hard polyisocyanurate foam, laminated on both sides with a perforated coated glass fabric.

Applications:

Rooftop: flat roof insulation in combination with plastic membranes

Edge finish:

Straight edges (with rebate on request)



Accessories:

- IKO Range of PU adhesives

Thermal performance:

Thermal conductivity: (EN 13165)
between λ_D : **0,026 W/(m.K)** and **0,028 W/(m.K)**.

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: **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 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)15-WL(T)1
- Belgium:** ATG 2726 - ATG H867
- Netherlands:** Komo CTG 485
- Germany:** Bauaufsichtliche Zulassung Z 23.15-161

IKO enertherm MG (mm)		30	40	50	60	70	81	90	100	120	140
1200 x 600	R _D -value (m ² .K/W)	1,05	1,40	-	2,10	-	3,00	-	3,70	-	-
1200 x 600 SP		-	-	1,75	2,10	-	3,00	-	3,70	4,60	5,35
1200 x 1000		1,05	1,40	1,75	2,10	2,50	3,00	3,30	3,70	4,60	5,35
2400 x 1200		-	1,40	1,75	-	2,50	3,00	-	3,70	4,60	-

Packaging units		30	40	50	60	70	81	90	100	120	140
1200 x 600	m ² /pack	8,64	8,64	7,20	5,76	-	4,32	-	3,60	2,88	2,16
	m ² /pal	86,40	86,40	72,00	57,60	-	43,20	-	36,00	28,80	25,92
1200 x 1000	m ² /pack	19,20	14,40	12,00	9,60	8,40	7,20	4,80	6,00	4,80	3,60
	m ² /pal	96,00	72,00	60,00	48,00	42,00	36,00	33,60	30,00	24,00	21,60
2400 x 1200	m ² /pack	-	34,56	28,80	-	20,16	17,28	-	14,40	11,52	-
	m ² /pal	-	172,80	144,00	-	100,80	86,40	-	72,00	57,60	-

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