IKO enertherm KR ALU

Product description:

IKO enertherm ALU is a **100 % CFC, HCFC, and HFC-free** insulation board with a core in hard polyisocyanurate foam, coated on both sides with a multilayer gastight aluminium complex.

Application:

Floor: floor insulation (heated floors and concrete floors)
Wall: industrial applications

Edge finish:

Straight Tongue and groove (TG)

Thermal performance:

Thermal conductivity: (EN 13165) **λD: 0,022 W/(m.K)**

Fire properties

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

Technical details:

- Grid overprint: **100 x 200 mm of 100 x 100 mm** (aid for positioning floor heating)
- Bulk density: **± 32 kg/m3**
- Compressive strength at 10% deformation: **≥ 150 kPa (15 ton/m2)**
- Closed cells: **more than 95%**
- Water vapour diffusion resistance: PIR foam: **μ = 60** - KR ALU lamination: **μ > 100.000**



Technical approvals:

Europe: CE - EN 13165: T2-DS(70,90)3-DS(-20,-)1-DLT(2)- TR80-CS(10Y)150-WL(T)1
France: Certificat Acermi N° 06/103/436

R_D-value:

Thickness (mm) Rd (m².K/W)		30 1,35	40 1,80	50 2,25	54 2,45	60 2,70	70 3,15	80 3,60	82 3,70	90 4,05	95 4,30	100 4,50	105 4,75	110 5,00	120 5,45	140 6,35	150 6,65	160 7,25	180 8,15	200 9,05
1 200 x 600	m2/pac	11,52	8,64	7,20	-	5,76	5,04	4,32	-	2,88	3,60	3,60	2,88	2,88	2,88	2,16	2,16	1,44	1,44	1,44
	m2/pal	115,20	86,40	72,00	-	57,60	50,40	43,20	-	40,32	36,00	36,00	34,56	34,56	28,80	25,92	25,92	23,04	20,76	17,28
1 200 x 1 000 (TG)	m2/pac	19,20	14,40	12,00	10,80	9,60	8,40	-	7,20	-	4,80	-	4,80	-	4,80	3,60	-	-	-	-
	m2/pal	96,00	72,00	60,00	54,00	48,00	42,00	-	36,00	-	28,80	-	28,80	-	24,00	21,60	-	-	-	-
2 400 x 1 200	m2/pac	-	34,56	28,80	-	23,04	20,16	17,28	-	11,52	-	-	-	-	11,52	8,64	-	-	-	-
	m2/pal	-	172,80	144,00	-	115,20	100,80	86,40	-	70,64	-	-	-	-	57,60	57,60	-	-	-	-