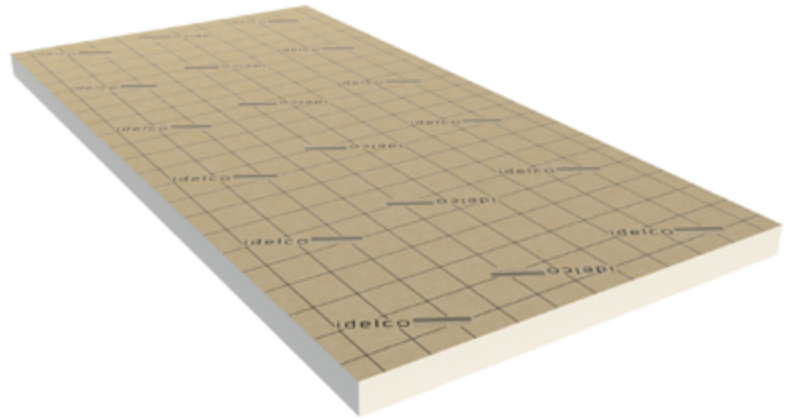


Combining excellent thermal performance, lightness and high resistance to compression, IDEALCO-CONCRETE insulation boards are intended to make concrete sandwich panels. Our high quality PIR foam boards are covered on both sides with a multi-layer kraft facing.

GENERAL CHARACTERISTICS

APPLICATION	INSULATION	FACING	DIMENSIONS	THICKNESSES	INTERLOCKING SYSTEM
Insulated concrete panels	PIR foam	Multi-layer kraft facing	1200 x 2400mm	30 - 120mm	■ Straight edges

Lambda value λ
0,022
 W/(m.K)



IDEALCO-CONCRETE 1200 x 2400 (mm)

REFERENCE	Denomination	Thickness (mm)	Thermal resistance (m ² .K/W)	Boards per pack (U)	m ² per pack (m ²)	Packs per stack (U)	m ² per stack (m ²)
100326	CONC 30 KR 1200x2400 ST	30	1,35	16	46,08	5	230,40
100005	CONC 40 KR 1200x2400 ST	40	1,80	12	34,56	5	172,80
100007	CONC 60 KR 1200x2400 ST	60	2,70	8	23,04	5	115,20
100009	CONC 80 KR 1200x2400 ST	80	3,60	6	17,28	5	86,40
100011	CONC 90 KR 1200x2400 ST	90	4,05	5	14,40	5	72,00
100001	CONC 1000 KR 1200x2400 ST	100	4,50	5	14,40	5	72,00
100003	CONC 120 KR 1200x2400 ST	120	5,45	4	11,52	5	57,60

TECHNICAL PROPERTIES

Thermal conductivity : (λ)	0,022 W/m.K
Compressive strength at 10% deformation	Min. 150 kPa
Foam density	30 kg/m ³ (+/- 2 kg/m ³)
Water vapor diffusion resistance of the PIR foam : $\mu_{(d)}$	50 to 100 meters
Reaction to fire class (according to EN 13501-1)	F