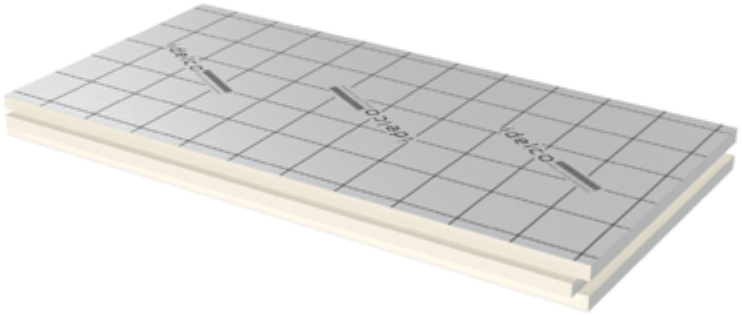
IDELCO-WALL & IDELCO-WALL+

Combining excellent thermal performance, lightness and high resistance to compression, IDELCO-WALL & IDELCO-WALL+ insulation boards are intended for wall insulation. Our high quality PIR foam boards are coated on both sides with an aluminium or multi-layer aluminium facing.

GENERAL CHARACTERISTICS

PRODUCT	APPLICATION	INSULATION	FACING	DIMENSIONS	THICKNESSES	INTERLOCKING SYSTEM
IDELCO-WALL	Cavity wall	PIR foam	Multi-layer aluminium facing	1200 x 600mm	40 - 160mm	■ Tongued-and-grooved
IDELCO-WALL +			Aluminium facing			

Lambda value λ
0,022
W/(m.K)



IDELCO-WALL 1200 x 600 (mm)

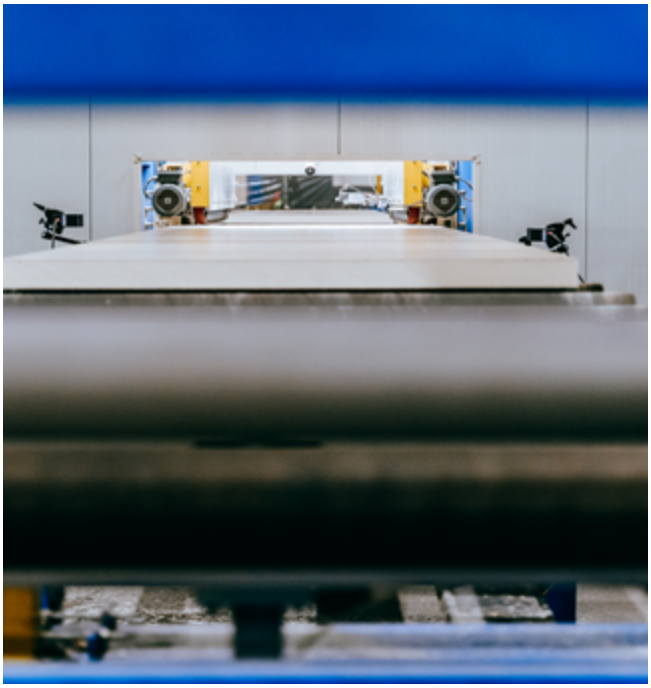
REFERENCE	Denomination	Thickness (mm)	Thermal resistance (m^2.K/W)	Boards per pack (U)	m^2 per pack (m^2)	Packs per stack (U)	m^2 per stack (m^2)
100141	WALL 40 LAM 1200x600 TG	40	1,80	12	8,64	10	86,40
100144	WALL 50 LAM 1200x600 TG	50	2,25	10	7,20	10	72,00
100147	WALL 60 LAM 1200x600 TG	60	2,70	8	5,76	10	57,60
100150	WALL 70 LAM 1200x600 TG	70	3,15	7	5,04	10	50,40
100153	WALL 80 LAM 1200x600 TG	80	3,60	6	4,32	10	43,20
100156	WALL 90 LAM 1200x600 TG	90	4,05	5	3,60	10	36,00
100126	WALL 100 LAM 1200x600 TG	100	4,50	5	3,60	10	36,00
100129	WALL 110 LAM 1200x600 TG	110	5,00	4	2,88	10	28,80
100132	WALL 120 LAM 1200x600 TG	120	5,45	4	2,88	10	28,80
100135	WALL 140 LAM 1200x600 TG	140	6,35	4	2,88	8	23,04
100138	WALL 160 LAM 1200x600 TG	160	7,25	3	2,16	10	21,60

IDELCO-WALL + 1200 x 600 (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)
100139	WALL 40 ALU 1200x600 TG	40	1,80	12	8,64	10	86,40
100142	WALL 50 ALU 1200x600 TG	50	2,25	10	7,20	10	72,00
100145	WALL 60 ALU 1200x600 TG	60	2,70	8	5,76	10	57,60
100151	WALL 80 ALU 1200x600 TG	80	3,60	6	4,32	10	43,20
100124	WALL 100 ALU 1200x600 TG	100	4,50	5	3,60	10	36,00
100130	WALL 120 ALU 1200x600 TG	120	5,45	4	2,88	10	28,80
100133	WALL 140 ALU 1200x600 TG	140	6,35	4	2,88	8	23,04
100136	WALL 160 ALU 1200x600 TG	160	7,25	3	2,16	10	21,60

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)	IDELCO-WALL : F IDELCO-WALL+: D - s_2, d0



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