

IDELCO-ROOF & IDELCO-ROOF+

Combining excellent thermal performance, lightness and high resistance to compression, IDELCO-ROOF & IDELCO-ROOF+ insulation boards are intended for flat and slightly inclined roofs. Coated on both sides with an aluminium or multi-layer aluminium facing, these high-quality boards are equally well suited to mechanical fixing and gluing.

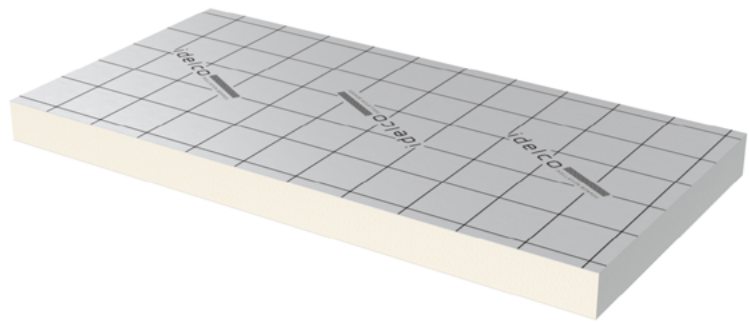
GENERAL CHARACTERISTICS

PRODUCT	APPLICATION	INSULATION	FACING	DIMENSIONS	THICKNESSES	INTERLOCKING SYSTEM
IDELCO-ROOF	Flat roofs	PIR foam	Multi-layer aluminium facing	1200 x 600 mm or 1200 x 2400 mm	30 -160mm	<ul style="list-style-type: none"> ■ Straight edges on 4 sides ■ Rebated (L) on 4 sides
IDELCO-ROOF +			Aluminium facing		60 - 200mm	

Lambda value λ

0,022

W/(m.K)



IDELCO-ROOF 1200 x 600 (mm) | STRAIGHT EDGES

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)
100081	ROOF 30 LAM 1200x600 ST	30	1,35	16	11,52	10	115,20
100090	ROOF 40 LAM 1200x600 ST	40	1,80	12	8,64	10	86,40
100099	ROOF 50 LAM 1200x600 ST	50	2,25	10	7,20	10	72,00
100108	ROOF 60 LAM 1200x600 ST [ⓘ]	60	2,75	8	5,76	10	57,60
100115	ROOF 80 LAM 1200x600 ST	80	3,60	6	4,32	10	43,20
100030	ROOF 100 LAM 1200x600 ST [ⓘ]	100	4,50	5	3,60	10	36,00
100038	ROOF 110 LAM 1200x600 ST	110	4,75	4	2,88	10	28,80
100047	ROOF 120 LAM 1200x600 ST [ⓘ]	120	5,45	4	2,88	10	28,80
100056	ROOF 140 LAM 1200x600 ST [ⓘ]	140	6,35	4	2,88	8	23,04
100064	ROOF 160 LAM 1200x600 ST	160	7,25	3	2,16	10	21,60

[ⓘ] Quick delivery, standard product (MTS)

IDELCO-ROOF 1200 x 2400 (mm) | STRAIGHT EDGES

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)
100079	ROOF 30 LAM 1200x2400 ST	30	1,35	16	46,08	5	230,40
100088	ROOF 40 LAM 1200x2400 ST	40	1,80	12	34,56	5	172,80
100097	ROOF 50 LAM 1200x2400 ST	50	2,25	10	28,80	5	144,00
100106	ROOF 60 LAM 1200x2400 ST [ⓘ]	60	2,75	8	23,04	5	115,20
100114	ROOF 80 LAM 1200x2400 ST	80	3,60	6	17,28	5	86,40
100028	ROOF 100 LAM 1200x2400 ST [ⓘ]	100	4,50	5	14,40	5	72,00
100036	ROOF 110 LAM 1200x2400 ST	110	4,75	4	11,52	5	57,60
100045	ROOF 120 LAM 1200x2400 ST [ⓘ]	120	5,45	4	11,52	5	57,60
100054	ROOF 140 LAM 1200x2400 ST [ⓘ]	140	6,35	4	11,52	4	46,08
100062	ROOF 160 LAM 1200x2400 ST	160	7,25	3	8,64	5	43,20

[ⓘ] Quick delivery, standard product (MTS)

IDELCO-ROOF 1200 x 2400 (mm) | SHIPLAPPED EDGES

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)
100105	ROOF 60 LAM 1200x2400 SP	60	2,75	8	23,04	5	115,20
100113	ROOF 80 LAM 1200x2400 SP	80	3,60	6	17,28	5	86,40
100027	ROOF 100 LAM 1200x2400 SP	100	4,50	5	14,40	5	72,00
100044	ROOF 120 LAM 1200x2400 SP	120	5,45	4	11,52	5	57,60
100053	ROOF 140 LAM 1200x2400 SP	140	6,35	4	11,52	4	46,08
100061	ROOF 160 LAM 1200x2400 SP	160	7,25	3	8,64	5	43,20
100067	ROOF 180 LAM 1200x2400 SP	180	8,15	2	5,76	6	34,56
100071	ROOF 200 LAM 1200x2400 SP	200	9,05	2	5,76	6	34,56

IDELCO-ROOF+ 1200 x 2400 (mm) | STRAIGHT EDGES

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)
100101	ROOF 60 ALU 1200x2400 ST	60	2,75	8	23,04	5	115,20
100110	ROOF 80 ALU 1200x2400 ST	80	3,60	6	17,28	5	86,40
100023	ROOF 100 ALU 1200x2400 ST	100	4,50	5	14,40	5	72,00
100040	ROOF 120 ALU 1200x2400 ST	120	5,45	4	11,52	5	57,60
100049	ROOF 140 ALU 1200x2400 ST	140	6,35	4	11,52	4	46,08
100057	ROOF 160 ALU 1200x2400 ST	160	7,25	3	8,64	5	43,20

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-ROOF : F IDELCO-ROOF+ : D

