



Sarking



**Insulation boards
with an integrated
underlay make any
pitched roof wind-
and waterproof in
no time.**



INSULATION FOR YOUR PITCHED ROOF



(Post-) insulation on the outside with Utherm Sarking

→ Immediately wind-
and waterproof?

→ **Utherm Sarking LE** — 42

→ Wind- and waterproof
with fire class E

→ **Utherm Sarking LE Plus** — 44

(Post-) insulation on the inside

→ **Utherm Attic L GYP** — 58

UTHERM Sarking LE

Insulation board
for pitched roof
and sarking

Sarking LE is a PIR insulation board Euroclass E finished on both sides with a multilayer gastight laminate facer.

Application Insulation boards for the outside of pitched roof and as sarking without (adhered) underslating

Insulation Polyisocyanurate (PIR)
Declared lambda-value (λ_D):
0,022 W/m.K

Facing LE : multilayer gastight laminate

Dimensions Standard: 2400 x 1200 mm

Edge finish Tongue- & groove joint along the 4 sides



lambda-value:
0,022
W/m.K



Insulation-thickness [mm]	R _{D INSUL} value [m²K/W] CE	Boards per pack	m² per pack	Boards per pallet	m² per pallet	m² full load [= 11 pal.]	In stock	On demand*
Sarking LE: 2400 x 1200 mm								
40	1,80	12	34,56	60	172,80	1.900,80		✓
60	2,70	8	23,04	40	115,20	1.267,20		✓
80	3,60	6	17,28	30	86,40	950,40		✓
100	4,50	3	8,64	24	69,12	760,32		✓
120	5,45	4	11,52	20	57,60	633,60		✓
140	6,35	3	8,64	18	51,84	570,24		✓
160	7,25	3	8,64	15	43,20	475,20		✓
180	8,15	2	5,76	14	40,32	380,16		✓
200	9,05	2	5,76	12	34,56	380,16		✓

* Minimum order quantities and special conditions upon consultation

TECHNICAL PROPERTIES

Declared thermal conductivity : λ_D according to EN 13165:2012+A2:2016	0,022 W/m.K
Compressive strength at 10% deformation : CS(10/Y)150 according to EN 826	≥ 150 kPa (1,5 kg/cm ²)
Tensile strength perpendicular to the faces	TR80 ≥ 80 kPa
Dimensional stability 48h, 70°C, 90%RH 48h, -20°C	DS(70,90)3: $\Delta\epsilon_{l,b} \leq 2$ / $\Delta\epsilon_d \leq 6$ DS(-20,-)1: $\Delta\epsilon_{l,b} \leq 1$ / $\Delta\epsilon_d \leq 2$
Deformation under compressive load and temperature conditions	DLT(2) $\leq 5\%$
Density of the PIR foam	32 kg/m ³ $\pm$ 3 kg/m ³
Water vapour transmission resistance of the PIR foam : μ	50-100
Reaction to fire class	E according to EN 13501-1
Long term water absorption	WL(T)2 according to EN 13165 < 2%



Certificates	
CE	λ 0,022 W/m.K
DOP	Utherm Sarking LE v2
EPD	B-EPD n° 21-0009-004-00-00-EN

UTHERM

Sarking LE Plus

**Insulation board
for pitched roof
and sarking**

Sarking LE Plus is a PIR insulation board Euroclass E finished on both sides with a multilayer gastight laminate facer, on the outer side finished with a waterproof, vapor open underlayment adhered on the board surface.

Application Sarking LE Plus is a PIR insulation board Euroclass E finished on both sides with a multilayer gastight laminate facer, on the outer side finished with a waterproof, vapor open underlayment adhered on the board surface.

Insulation Polyisocyanurate (PIR)
Declared lambda-value (λ_D):
0,022 W/m.K

Facing LE : multilayer gastight laminate
Plus : waterproof, vapor open underlayment; blue color, adhered board, with overlap

Dimensions Standard: 2.400 x 1.200 mm

Edge finish Tongue- & groove joint along the 4 sides

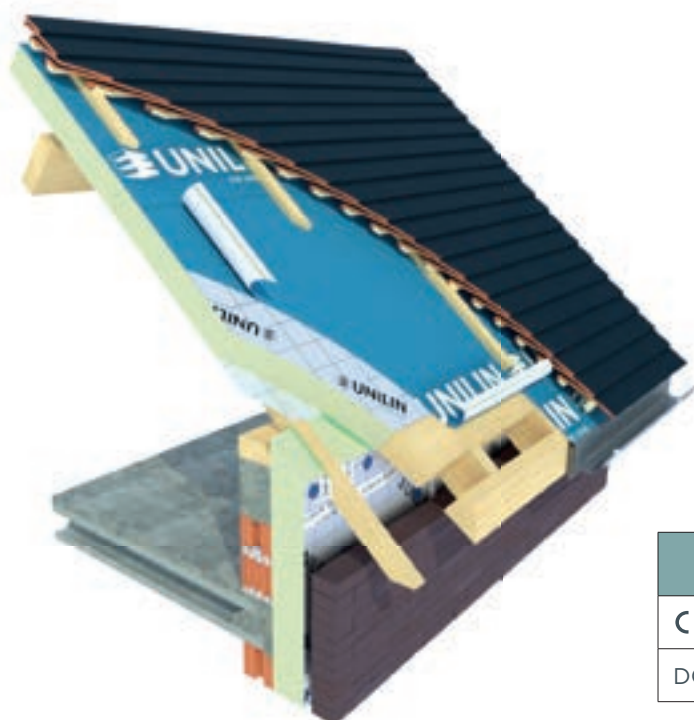


Insulation-thickness [mm]	R _{D INSUL} value [m²K/W] CE	Boards per pack	m² per pack	Boards per pallet	m² per pallet	m² full load [= 11 pal.]	In stock	On demand*
Sarking LE Plus: 2.400 x 1.200 mm								
60	2,70	6	17,28	42	120,96	1.330,56		✓
80	3,60	4	11,52	28	80,64	887,04	✓	
100	4,50	3	8,64	24	69,12	760,32	✓	
120	5,45	3	8,64	21	60,48	665,28	✓	
140	6,35	3	8,64	18	51,84	570,24	✓	
160	7,25	2	5,76	14	40,32	443,52	✓	
180	8,15	2	5,76	14	40,32	443,52		✓
200	9,05	2	5,76	12	34,56	380,16		✓

* Minimum order quantities and special conditions upon consultation

TECHNICAL PROPERTIES

Declared thermal conductivity : λ_D according to EN 13165:2012+A2:2016	0,022 W/m.K
Compressive strength at 10% deformation : CS(10/Y)150 according to EN 826	≥ 150 kPa (1,5 kg/cm ²)
Tensile strength perpendicular to the faces	TR80 ≥ 80 kPa
Dimensional stability 48h, 70°C, 90%RH 48h, -20°C	DS(70,90)3: $\Delta\epsilon_{l,b} \leq 2$ / $\Delta\epsilon_d \leq 6$ DS(-20,-)1: $\Delta\epsilon_{l,b} \leq 1$ / $\Delta\epsilon_d \leq 2$
Deformation under compressive load and temperature conditions	DLT(2) $\leq 5\%$
Density of the PIR foam	32 kg/m ³ $\pm$ 3 kg/m ³
Water vapour transmission resistance of the PIR foam : μ	$\leq 0,03$ m
Reaction to fire class	E according to EN 13501-1
Long term water absorption	WL(T)2 according to EN 13165 < 2%



Certificates	
CE	λ 0,022 W/m.K
DOP	Utherm Sarking LE Plus v4