

# UTHERM Wall L Flex

Insulation board  
for cavity wall

Wall L Flex is a PIR insulation board finished on both sides with a multilayer gastight laminate facer. Wall L Flex is at one side finished with a layer of 25 mm mineral wool.

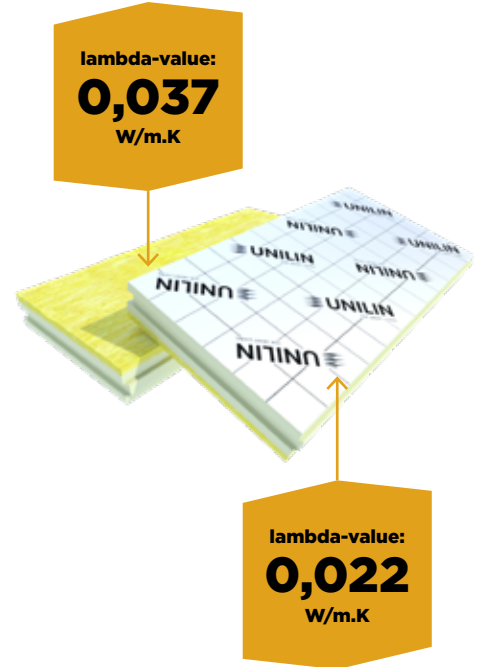
**Application** Insulation boards for rough cavity walls with an extra layer of 25 mm mineral wool against convection

**Insulation** Polyisocyanurate (PIR)  
**Declared lambda-value ( $\lambda_p$ ):**  
**0,022 W/m.K**  
R-value mineral wool (MW) :  
max. 0,65 m<sup>2</sup>.K/W

**Facing** L : multilayer gastight laminate  
Flex : mineral wool in 25 mm at one side

**Dimensions** Standard: 1200 x 600 mm

**Edge finish** Tongue- & groove joint along the 4 sides



Insulation-thickness [mm]	R <sub>D INSUL</sub> value [m <sup>2</sup> K/W] CE	Boards per pack	m <sup>2</sup> per pack	Boards per pallet	m <sup>2</sup> per pallet	m <sup>2</sup> full load [= 22 pal.]	In stock	On demand*
<b>Wall L Flex: 1200 x 600 mm</b>								
40 + 25	2,45	8	5,76	80	57,60	1.267,20		✓
50 + 25	2,90	7	5,04	70	50,40	1.108,80		✓
60 + 25	3,40	6	4,32	60	43,20	950,40		✓
70 + 25	3,85	5	3,60	50	36,00	792,00		✓
80 + 25	4,30	5	3,60	50	36,00	792,00	✓	
90 + 25	4,75	4	2,88	40	28,80	633,60	✓	
100 + 25	5,20	4	2,88	40	28,80	633,60	✓	
120 + 25	6,10	3	2,16	36	25,92	570,24	✓	
140 + 25	7,00	3	2,16	30	21,60	475,20		✓
160 + 25	7,90	2	1,44	28	20,16	443,52		✓

\* Minimum order quantities and special conditions upon consultation

## TECHNICAL PROPERTIES

<b>Declared thermal conductivity :</b> $\lambda_D$ according to EN 13165:2012+A2:2016	PIR: 0,022 W/m.K MW: 0,037 W/m.K
<b>Compressive strength at 10% deformation :</b> CS(10/Y)150 according to EN 826	$\geq 150$ kPa (1,5 kg/cm <sup>2</sup> )
<b>Tensile strength perpendicular to the faces</b>	TR80 $\geq 80$ kPa
<b>Dimensional stability</b> 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: $\Delta\epsilon_{l,b} \leq 1$ / $\Delta\epsilon_d \leq 2$
<b>Deformation under compressive load and temperature conditions</b>	DLT(2) $\leq 5\%$
<b>Density of the PIR foam</b>	32 kg/m <sup>3</sup> $\pm$ 3 kg/m <sup>3</sup>
<b>Water vapour transmission resistance of the PIR foam : <math>\mu</math></b>	50-100
<b>Reaction to fire class</b>	F according to EN 13501-1
<b>Long term water absorption</b>	WL(T)2 according to EN 13165 < 2%



Certificates	
CE	$\lambda$ 0,022 W/m.K
DOP	Utherm Wall L Flex v2