

# UTHERM Wall K Gyp H

**Insulation board  
for post-insulation  
of walls and  
façades**

**Wall K Gyp H is a PIR insulation board finished on both sides with a multilayer gastight laminate facer. Wall K Gyp H is at one side finished with a layer of 12,5 mm thick water and moisture resistant plasterboard.**

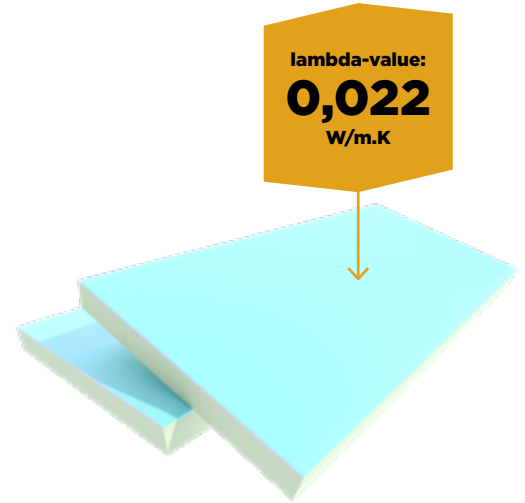
**Application** Insulation and finishing in one board for post-insulation of walls and fascades from the inside out

**Insulation** Polyisocyanurate (PIR)  
**Declared lambda-value ( $\lambda_p$ ):**  
**0,022 W/m.K**

**Facing** K : multilayer gastight laminate  
Gyp H : 12,5 mm plasterboard at one side, grade WPR

**Dimensions** Standard: 2.600 x 1.200 mm

**Edge finish** Combination with straight edges on the 4 sides and chamfered plasterboard

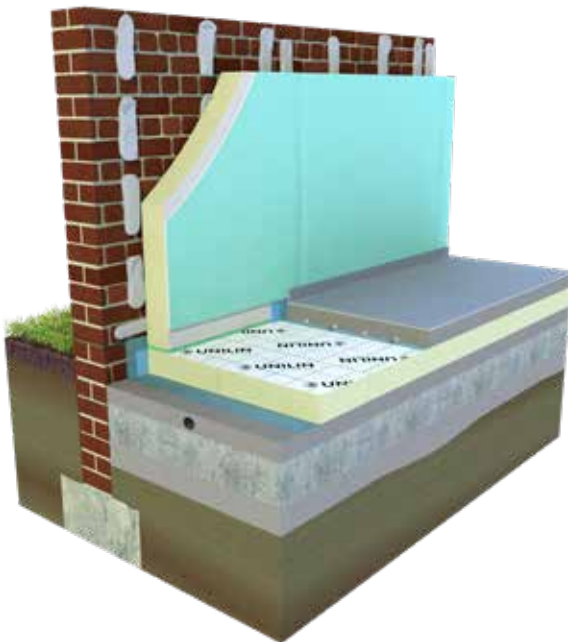


Total thickness [mm]	$R_{D \text{ ISOL} + \text{Gyp value}}$ [m <sup>2</sup> K/W] CE	Thickness insulation [mm]	Thickness Gyp [mm]	Boards per pallet	m <sup>2</sup> per pallet	Weight [kg/pcs]	In stock	On demand*
<b>Wall K Gyp H: 2.600 x 1.200 mm</b>								
20 + 12,50	0,95	20	12,50	36	112,32	30,90	✓	
30 + 12,5	1,40	30	12,50	28	87,36	31,85	✓	
40 + 12,5	1,85	40	12,50	23	71,76	32,85	✓	
50 + 12,5	2,30	50	12,50	19	59,28	33,85	✓	
60 + 12,5	2,75	60	12,50	16	49,92	34,85	✓	
80 + 12,5	3,65	80	12,50	13	40,56	36,85	✓	
100 + 12,5	4,55	100	12,50	9	28,08	38,85	✓	
120 + 12,5	5,50	120	12,50	8	24,96	40,85	✓	

\* 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 Gyp H : 0,25 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>	End-use (PIR+Gyp): B-s1, d0 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 K Gyp H v4

EX-ENG-23-2

For stock- and delivery conditions: inform with UNILIN, division insulation.

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