

# UTHERM Attic L Gyp

Insulation board  
for post-insulation  
of attics

Attic L Gyp is a PIR insulation board finished on both sides with a multilayer gastight laminate facer. Attic L Gyp is at one side finished with a layer of 12,5 mm thick plasterboard.

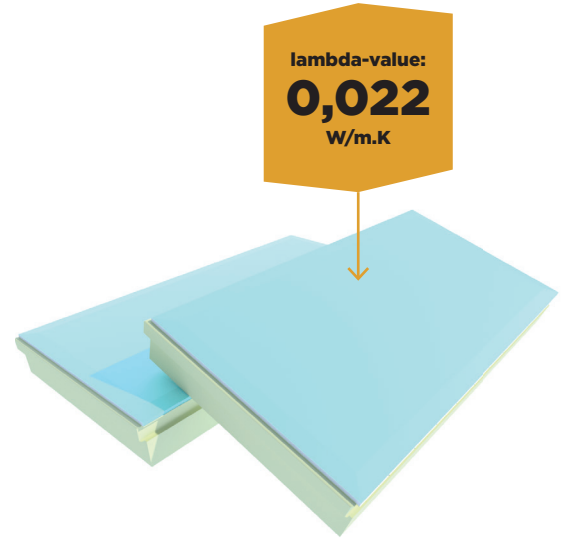
**Application** Insulation and finishing in one board for post-insulation of attics from the inside out

**Insulation** Polyisocyanurate (PIR)  
**Declared lambda-value ( $\lambda_D$ ):**  
**0,022 W/m.K**  
R-value plasterboard (Gyp) :  
max. 0,066 m<sup>2</sup>.K/W

**Facing** L : multilayer gastight laminate  
Gyp : 12,5 mm plasterboard at one side

**Dimensions** Standard Net : 1189 x 600 mm  
Gross : 1200 x 613 mm

**Edge finish** Combination with tongue- & groove joint along the 4 sides

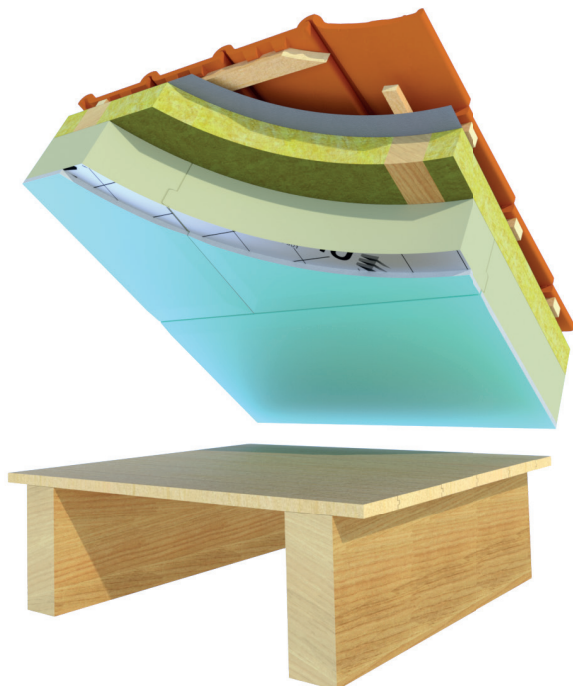


| Total-thickness [mm]              | R <sub>D INSUL + CB</sub> value [m <sup>2</sup> K/W] CE | Thickness insulation [mm] | Thickness CB [mm] | Boards per pallet | m <sup>2</sup> per pallet | Weight [kg/pcs] | m <sup>2</sup> full load [= 44 pal.] | In stock | On demand* |
|-----------------------------------|---|---------------------------|-------------------|-------------------|---------------------------|-----------------|--------------------------------------|----------|------------|
| <b>Attic L Gyp: 1200 x 613 mm</b> |   |                           |                   |                   |                           |                 |                                      |          |            |
| 80 + 12,5                         | 3,70  | 80                        | 12,50             | 24                | 17,65                     | 8,35            | 776,60                               | ✓        |            |
| 100 + 12,5                        | 4,60  | 100                       | 12,50             | 20                | 14,71                     | 8,80            | 647,24                               | ✓        |            |
| 120 + 12,5                        | 5,50  | 120                       | 12,50             | 18                | 13,24                     | 9,30            | 582,56                               |          | ✓          |
| 140 + 12,5                        | 6,40  | 140                       | 12,50             | 14                | 10,30                     | 9,75            | 453,20                               |          | ✓          |

\* Minimum order quantities and special conditions upon consultation

## TECHNICAL PROPERTIES

|  |  |
|--|--|
| <b>Declared thermal conductivity : <math>\lambda_D</math></b>                                    | PIR : 0,022 W/m.K<br>Gyp : 0,25 W/m.K  |
| <b>Compressive strength of the PIR foam at 10% deformation : CS(10/Y)150 according to EN 826</b> | $\geq 150$ kPa (1,5 kg/cm <sup>2</sup> )   |
| <b>Tensile strength of the PIR foam perpendicular to the faces</b>                               | TR80 $\geq 80$ kPa   |
| <b>Dimensional stability of the PIR foam</b><br>48h, 70°C, 90%RH<br>48h, -20°C                   | DS(70,90)3: $\Delta\epsilon_{l,b} \leq 2$ / $\Delta\epsilon_d \leq 6$<br>DS(-20,-)1: $\Delta\epsilon_{l,b} \leq 1$ / $\Delta\epsilon_d \leq 2$ |
| <b>Deformation under compressive load and temperature conditions of the PIR foam</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>  | B-s1, d0 according to EN 13501-1   |
| <b>Long term water absorption of the PIR foam</b>  | WL(T)2 according to EN 13165 < 2%  |



| Certificates |                       |
|--------------|-----------------------|
| CE           | $\lambda$ 0,022 W/m.K |
| DOP          | Utherm Attic L Gyp v5 |