



## PIR boards GTM/GTM TECHNOMICOL



### DESCRIPTION:

PIR GTM/GTM TECHNOMICOL is a thermal insulation board with a rigid polyisocyanurate foam core, faced on both sides with glass tissue with mineral binder.

This high performance PIR insulation board is used in adhesive systems with PVC waterproofing materials and bitumen-polymer materials. Being very rigid and perfectly flat, PIR is an ideal substrate for waterproofing materials.

PIR GTM/GTM TECHNOMICOL is 100 % CFC, HCFC or HFC-free.



### APPLICATION:

**Flat roof:** flat roof insulation for timber, concrete and steel deck; adhesive systems

**Wall:** outside wall insulation.

### ADVANTAGES:

- High-performance, rigid thermoset insulation – thermal conductivity as low as 0.026 W/m<sup>2</sup>K
- PIR boards GTM/GTM have an excellent adhesion strength with the most of foam and contact adhesives, which makes it perfect for use in adhesive roofing systems.
- PIR maintains stable performance for a long period of time.

**PRODUCT STANDARD:**  
EN 13165 + A2:2016

**PRODUCTION:**  
ISO 9001:2015

**ENVIRONMENTAL MANAGEMENT:**  
ISO 14001:2015

### EDGE FINISH:



Straight



Rebate (L)



Tongue and groove (T)

### PERFORMANCE AND KEY PROPERTIES:

Properties	Test Method	PIR boards GTM/GTM TECHNOMICOL
Thermal conductivity $\lambda_D$ , W/(m <sup>2</sup> K)	EN 12667	0.026
Thickness tolerance	EN 823	T2
Reaction to fire	EN 13501-1	Class E
Compressive stress or compressive strength, CS(10Y)150, kPa	EN 826	≥ 150
Water permeability - long term water absorption, WL(T)	EN ISO 29767	≤ 1.0
Water permeability - flatness after one sided wetting, FW2	EN 825	≤ 10
Density, kg/m <sup>3</sup>	EN 1602	30 ± 2
Facing type		glass tissue with mineral coating

Thickness (mm)	30	40	50	60	70	80	90	100	110	120	130	140	150
Rd (m <sup>2</sup> .KW)	1,15	1,54	1,92	2,31	2,69	3,08	3,46	3,85	4,23	4,62	5,0	5,38	5,77

### DIMENSIONS:

Standard dimensions, mm	2400x1200,
Dimensions on request, mm	1200x600
Thickness, mm	30-150 in steps of ten

\* The boards produced with rebates on four sides have actual size 2385x1185, 1185x585.

### PACKAGING AND STORAGE:

Boards are packed in UV-stabilized film and delivered on pallets. PIR insulation boards should be stored indoor or under shelter protecting them from sun radiation and precipitation.