



Topanel is a top Romanian company specializing in the manufacture and distribution of thermal insulation materials. Our goal is to develop long-term relationships and solid partnerships with the company's customers, which is why the quality of our services and customer satisfaction are the principles we follow in our daily business.

Our products originate from the newest and most modern thermal insulation panels production unit in Romania. It is a 10 million Euro investment, equipped with state-of-the-art machinery ensuring high quality for our company's products. Strategically located in the center of the country, the new production unit provides an ideal cost of the end product, being the logical choice from this point of view.

Innovativeness has been a feature of our company since its incorporation; as a matter of fact, the composition of the technological line has been conceived so that TOPANEL may become the regional supplier providing the most comprehensive diversity and versatility of production, which is one of our company's assets.

PIR insulation

Fire reaction class D

Insulating plate with a coefficient of
Type L joint

0.022
W/mK

*Double insulation compared to mineral wool or expanded polystyrene.

- ✓ Thermal performance
- ✓ Quality over time
- ✓ Low weight
- ✓ Eco friendly
- ✓ Safety



FG - FG

Thermotop FG - FG is a high-performance PIR core insulating plate with two-layer FG film coating - mineral support with reinforced glass fiber inserts acting as armature.

FG/FG is part of the range of Thermotop insulating plates for industrial projects.

When using Thermotop for your projects, you can trust that you have chosen the best solution.

- High Efficiency Rigid Foam Insulation Plates with λ_D , of 0.022 W/mK
- **Thermotop FG** is approved and applied in combination with mechanically fixed and / or mechanically balanced monolayer and multilayer roof systems
- Product without CFK / HCFC expanding agents and with low-emission foil coating
- Resistance to compression ≥ 125 KPa.

FG - FG is designed to provide a high level of thermal insulation, providing the optimal solution for new construction and renovation. Whether you are building or upgrading, consider the energy efficiency of your home. You can have many benefits, including low energy costs and better living conditions.

BV - BV

Thermotop BV - BV is a high performance PIR core insulating plate with a two-layer BV film coating – a membrane that acts as vapor barrier.

The outer walls are the areas with the most significant share of the total heat loss for a building. The most important application of Thermotop BV - BV is: thermal insulation of exterior walls by mechanical and / or adhesive grip.

***Thermotop BV - BV** is suitable for traditional insulation systems with mesh and plaster.

- High efficiency rigid foam insulating plates with λ_D , of 0.022 W/mK
- Product without CFK / HCFC expanding agents and with low-emission foil coating
- Suitable for new construction and renovation projects
- Fire reaction class D

The possibility to be produced with an L-type joint that ensures the continuity of the thermal insulation and leads to the avoidance of the thermal bridge phenomenon.

AL - AL

Topanel Thermotop AL - AL is a PIR core insulating plate, covered with two sides of gas-tight aluminum foil with a thickness of approximately 50 μm , sealed, used for efficient thermal solutions of industrial, commercial and residential buildings.

Thermotop AL - AL is not used with adhesive, only mechanical fastening.

Resistance to compression ≥ 175 Kpa*.

The main applications for **Thermotop AL - AL** are:

- Insulation to provide a thermal barrier to roofs
- Isolation of walls if required to create a thermal barrier and vapor barrier
- Isolation of floors where radiant surfaces are required
- Thermal insulating core between the exterior wall masonry to improve thermal insulation of buildings, fire resistance and moisture reduction.

*Valid with density ≥ 36 kg/m³

PIR insulation with increased heat insulation efficiency

Why choose Topanel?

Solutions for insulation

Topanel offers an extensive range of PIR insulation for buildings with increased thermal insulation efficiency including the product Thermotop. This provides a complete solution for all roof projects.

When using Thermotop for your flat roof projects, you can trust that you have chosen the best solution.

We understand the importance of choosing the right insulation for your building and that's why Thermotop offers you a range of technically and economically advanced solutions.

Reasons for choosing Topanel

Thermal performance

Topanel Thermotop products are manufactured in accordance with strict EN13165 requirements and provide good product performance with excellent thermal conductivity of 0.022 W / m²k and a fire reaction class D. Closed cellular structure and two-ply aluminum foil sealed to gas, offers an excellent moisture resistance.

Quality

Topanel products are manufactured according to the **ISO 9001** quality standard

Thus we guarantee the superior quality of our products
Quality management system **ISO 9001**

Environmental protection system **ISO 14001**

Safety System **OHSAS 18001**

ECO friendly

PIR Thermotop insulation is classified in the BRE Green Guide (The Guide is a classification of buildings in terms of environmental impact, depending on the building materials - consult the guide to be sure the materials you use are part of a higher class).

This provides excellent environmental performance, does not contain CFK / HCFK and has a global warming potential (GWP) of less than 5.

All our Thermotop products are produced within the ISO 14001 environmental management system

Customer orientation

We offer excellent service and we understand to respond actively to the needs of our customers. The Topanel team provides support for all your isolation questions.

We have one purpose: to offer you the best possible advice. Our enthusiastic sales staff can also help you with your project with solutions for any situation.

Safety

When you buy a Topanel product, you can be sure you have made the right choice. As a leader in innovation, we produce a wide range of insulation in our production unit.

Working with our customers, whom we consider partners, we continue to improve our products and services to them.

The complete insulation solution

The complete Topanel poly-isocyanuric foam insulation (PIR) range offers technically and economically advanced solutions for the roof, wall, curtain wall and floor insulation, with a certified thermal conductivity of 0.022 W/mK



High performance PIR insulation

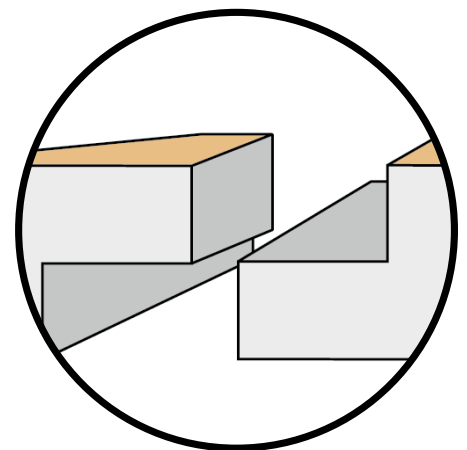
THERMOTOP is high-efficiency poly-isocyanuric foam (PIR) insulation with a certified thermal conductivity of 0.022 W/mk


THERMOTOP ADVANTAGES

Compared against the traditional thermally insulating materials:

- avoid the heat bridge phenomenon due to the L type joint;
- maintain the strength and thermal technical parameters for several decades;
- low thickness of the plates from the point of view of the thermal resistance provided compared against other insulating materials;
- it allows the walls to breathe for FG-FG and BV-BV coatings
- high compression resistance ≥ 125 KPa;
- AL – AL high compression resistance ≥ 175 KPa*;
- low weight (under 32 kg/m³);
- the best thermal conductivity 0,022 W/mK.

4-sided L-type joint



Material	Thermal conductivity (W/mK)
 THERMOTOP® insulation system	0,022
Extruded polystyrene	0,035
Mineral wool	0,041
Expanded polystyrene	0,042
Brick	0,560

Standard dimensions	mm
Width x length	600 x 1200
Thickness	30 - 40 - 50 - 60 - 80 - 100 - 120 - 150

Special sizes 600x600 mm and 1200x1200 mm

*Valid with density ≥ 36 kg/m³

We can be found in the largest cities of Romania (Bucharest, Ramnicu Valcea, Mures, Cluj, Constanța, Iași, Timișoara, Craiova, Focsani), where our qualified staff is ready to provide specialized technical consulting and design support. Also, TOPANEL PRODUCTION PANELS has a numerous partner network that is able to ensure distribution of all our products at national level.



Our distribution network has reached beyond the borders of our country, after Topanel increased its sales team, including representatives for the Republic of Moldova, Bulgaria, Hungary, Serbia, Bosnia and Herzegovina, Croatia and Macedonia. More than 40% of our production is being exported, besides the aforementioned countries, in Austria, Germany, Belgium, the Czech Republic, Slovakia. Our international portfolio includes famous companies such as: Saint Gobain, British Foam Group, Plastipack, Romstal, Vita Foam, Star Foods, Cris-Tim, Den Braven, Nordic Logistic, NordEst Logistic Park, Pirelli, Ford, Renault, Rolls-Royce, Arctic, Auchan, Billa, Mega Image, Măgurele Laser Center, Deveselu Military Base.

TOPANEL[®]
INSULATED PANELS

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