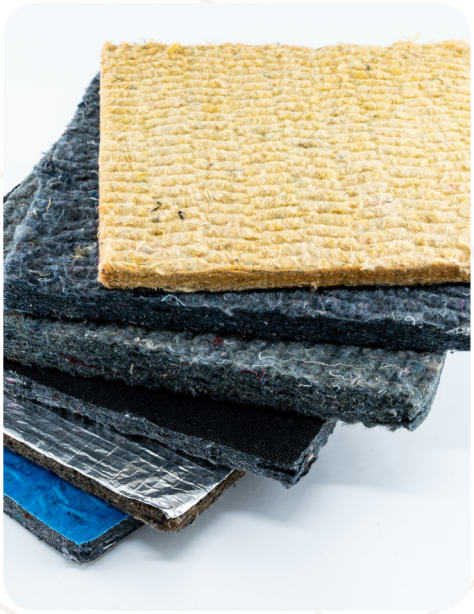
PLASTIC MATERIAL

Thermal insulation

Thermo-insulating materials, such as polyethylene, synthetic fibres, cotton fibre and glass fibre, are essential in various industrial sectors to ensure the energy efficiency, safety and protection of equipment.

Application sectors — **HVACR** — **Automotive - naval** — **Construction**



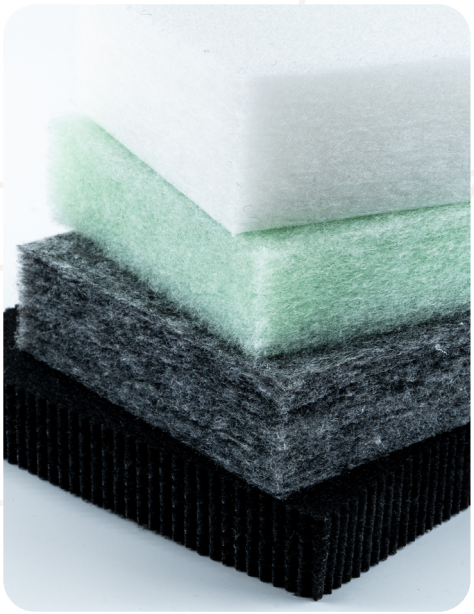
Feinfelt

IT IS a sound-insulating and sound-absorbing material composed of open-cell thermobonded polyester fibre coupled to a layer of polymeric heavy mass. Designed to ensure high acoustic performance, it is made with recycled fibres, free from resins and harmful substances, for a safe and sustainable solution.
Ideal for the soundproofing of machinery, HVAC systems, recording studios and high-frequency environments, it helps improve acoustic comfort by effectively reducing noise.

Coatings

* Rolls only

- **Smooth aluminium**
- **Embossed aluminium**
- **Glass fabric***
- **PU film**
- **PE film**
- **TNT***
- **Adhesives**



Feinfiber

IT IS a composite material consisting of closed-cell cross-linked expanded polyethylene, thermally coupled with thermobonded polyester fibre, designed to improve the acoustic comfort of architectural environments.
The combination of materials ensures high levels of acoustic insulation, particularly against impact noise, as well as excellent performance in terms of dynamic rigidity, compressive strength and long-term stability.

Coatings

* Rolls only

- **Smooth aluminium**
- **Embossed aluminium**
- **Glass fabric***
- **PU film**
- **PE film**
- **TNT***
- **Adhesives**

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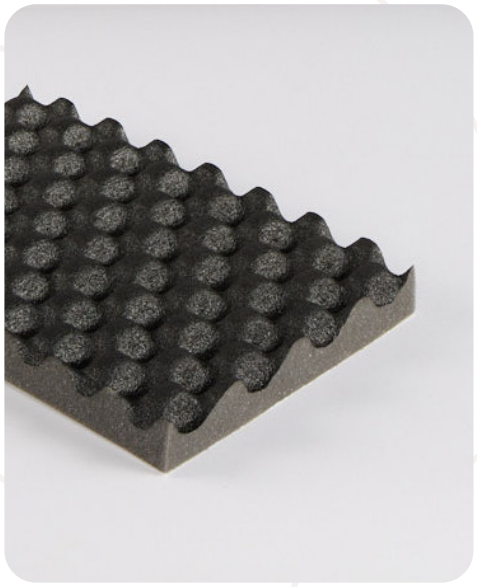
Feinglass

IT IS a fibreglass non-woven fabric, produced through a needle-punching process and reinforced with cotton-thread stitching, which ensures its mechanical stability. The material is designed for thermal and acoustic insulation applications and can be used at high temperatures, up to approximately 650°C.
Thanks to its low thermal conductivity, absence of binding agents and safety and harmless properties, it is a reliable solution for industrial, building and plant applications.

Coatings

- **Smooth aluminium**
- **Embossed aluminium**
- **Glass fabric**
- **PU film**
- **PE film**
- **TNT**
- **Adhesives**



Feinfon

IT IS an open-cell polyurethane foam designed for thermoacoustic insulation. Its structure promotes good thermal insulation performance and excellent sound-absorbing properties, contributing to the comfort of rooms.
Available in sheets or rolls and in different surface finishes, it is easily machinable and suitable for building and plant applications, including HVAC systems and wall and ceiling insulation.

Coatings

- **Smooth aluminium**
- **Embossed aluminium**
- **Glass fabric**
- **PU film**
- **PE film**
- **TNT**
- **Adhesives**
- **Imitation leather**



Fein Elastomer

It is a flexible insulation material in closed cell expanded elastomer (FEF), available in sheets and adhesive tapes. Thanks to its low thermal conductivity, it offers excellent insulation performance and is particularly suitable for applications in the refrigeration and air conditioning sectors.
It ensures effective temperature and condensate control, contributing to energy savings and improved comfort in civil and industrial environments.

Coatings

- **Smooth aluminium**
- **Embossed aluminium**
- **Glass fabric**
- **PU film**
- **PE film**
- **TNT**
- **Adhesives**
- **Imitation leather**

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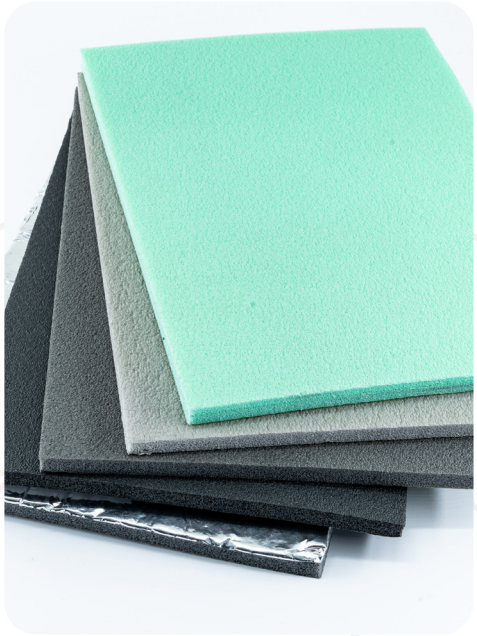

Feincell

It is a closed-cell cross-linked expanded polyethylene thermal insulator, designed to improve the energy efficiency of industrial environments and machinery. Thanks to its high mechanical strength and closed-cell structure, it guarantees constant performance over time, excellent thermal insulation and condensation control.
Ideal for screeds and floating floors against footfall noise, it is also applied in the HVACR sector for the insulation of air conditioning and air treatment machines.
Material suitable for different processing technologies, including thermoforming, for specific technical applications.

Coatings

- Smooth aluminium
- Embossed aluminium
- Glass fabric
- PU film
- PE film
- TNT
- Adhesives
- Imitation leather



Feincell Impact

It is a high-performance thermo-acoustic insulator in closed-cell cross-linked expanded polyethylene, coupled to recycled polyester fibre felt. It guarantees excellent insulation from footfall noise, high compressive strength and long-lasting performance.
Ideal for screeds and floating floors, it combines acoustic comfort and thermal efficiency in a single solution for modern construction.

Coatings

- Smooth aluminium
- Embossed aluminium
- Glass fabric
- PU film
- PE film
- TNT
- Adhesives
- Imitation leather

Certifications

Euroclass 13501-1 | FSSVM302/ISO3795 | UL 94 | CAM | M1 | UV | CE

Custom couplings

Study and feasibility for the coupling of multilayer materials at the customer's request for materials that must meet specific thermo-acoustic characteristics.

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