PLASTIC MATERIAL

Sound insulation

For effective sound insulation, it is essential to combine sound-insulating and sound-absorbing materials. Sound insulators reduce the transmission of sound through structures, while sound absorbers absorb sound energy, reducing reverberation and improving acoustic quality.
The combination of both creates a balanced acoustic system, capable of effectively isolating sound and of controlling the diffusion of sound waves within a space.

Application sectors

- HVACR
- Automotive - naval
- Energy
- Construction

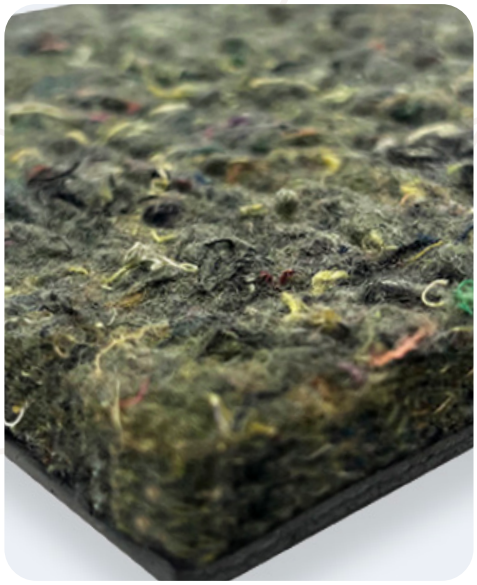


Feinfelt Damp

IS a laminated material based on bitumen, elastomers and fillers, designed to reduce structurally transmitted noise by damping vibrations in thin metal surfaces. Thanks to its viscoelastic properties, it absorbs and dissipates mechanical energy by converting it into heat, helping to improve overall acoustic performance. Ideal for automotive, industrial and plant engineering applications, it can be coupled with sound-absorbing materials to reduce resonances and reverberations.

Coatings

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



Feinfelt Gum

IT IS a material for sound insulation composed of a double layer: felt in recycled textile fibres bonded with phenolic resin and a heavy polymeric mass with very low VOC content. Designed to reduce both airborne and impact noise, it delivers high performance in a variety of applications.
Suitable for the soundproofing of machinery, HVAC systems, generators and technical environments, it can be supplied in various thicknesses and configurations to meet specific design requirements.

Coatings

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

HEADQUARTERS
Via Generale Reverberi, 8 | 25050 Passirano (BS) - Italy
030 6549011 | info@feinrohren.it

feinrohren.it

FEINROHREN GROUP

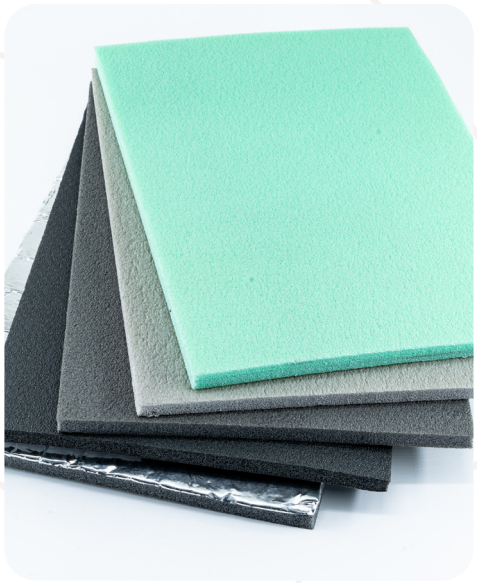


Feinfon Gum

IT IS a heavy-duty, flexible, chlorine- and plasticiser-free acoustic membrane designed to reduce airborne sound transmission. It guarantees high adhesion and reliable performance, contributing to the acoustic comfort of rooms.
It is ideal for applications on walls, floors and ceilings, as well as for the insulation of machinery and systems. When combined with sound-absorbing materials, it enables even more effective acoustic performance.

Coatings

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



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**

HEADQUARTERS
Via Generale Reverberi, 8 | 25050 Passirano (BS) - Italy
030 6549011 | info@feinrohren.it

FEINROHREN GROUP



Feinfiber Gum

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

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

Certifications

Euroclass 13501-1 **FSSVM302/ISO3795** **UL 94**
UL 94 - 5VA **M1** **UV** **CE**

Custom couplings

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

HEADQUARTERS
Via Generale Reverberi, 8 | 25050 Passirano (BS) - Italy
030 6549011 | info@feinrohren.it

feinrohren.it

FEINROHREN GROUP