PLASTIC MATERIAL

Thermal insulation, impact sound insulation, scratch resistance, gaskets, protective elements

In the construction sector, cross-linked expanded polyethylene is used in sub-floors, attics and technical layers for thermal insulation, impact sound insulation and surface protection. Its properties improve comfort and protect against shock, wear and humidity. Feinrohren polyethylene solutions offer closed-cell materials available in a variety of densities and configurations, including paired or adhesive, ensuring versatility and reliable performance over time.

Application sectors

Construction

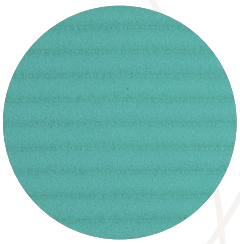
Custom solutions

Tailor-made solutions developed through couplings and machining for dedicated thermo-acoustic performance.

Coatings



N-Type / 30 kg/m³
/ 5 mm
Impact sound insulation mattress



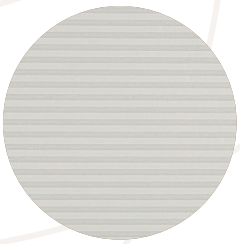
Soft-Type / 30 kg/m³
/ 8 mm
wave profile
Sound insulation



N-Type / 30 kg/m³
/ 5 mm
adhesive bands
Perimeter bands



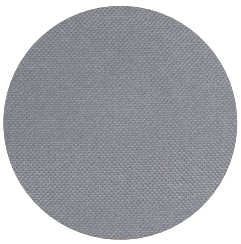
N-Type / 30 kg/m³
/ 5 mm
+ polyester / wadding fibre
Insulation under screed



N-Type / 30 kg/m³
/ 5 mm
+ PE film
Thermal insulation



N-Type / 30 kg/m³
/ 3.5 mm
adhesive bands for joints
Insulating tapes and joints



N-Type / 30 kg/m³
/ 5 mm
+ metallic PE film
Scratch-resistant coatings



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