ACOUSTIC FELT
FeltVibe®

BarrierFelt

Sound Insulation Membrane

High-density PVC core • Recycled PET felt facing
Wall • Floor • Ceiling



Sound Insulation with Minimal Added Thickness

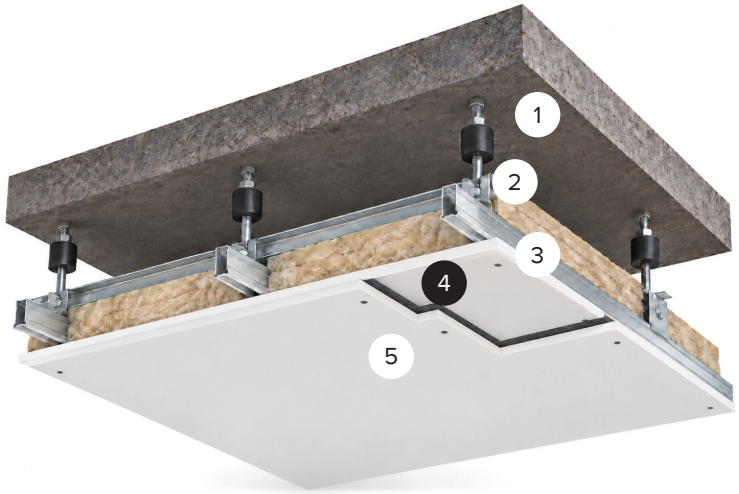
BarrierFelt combines a high-density PVC core with recycled PET felt surfaces to help reduce airborne sound transmission in wall, floor and ceiling systems. Its thin, flexible construction allows easy integration into layered assemblies with minimal added thickness.

The felt surfaces facilitate handling and lamination with gypsum boards, insulation panels and acoustic foams. Supplied in rolls, BarrierFelt is suitable for residential, commercial, hospitality and industrial applications.

TECHNICAL DATA

THICKNESS	2 mm (± 0.5 mm)	4 mm (± 0.5 mm)
COMPOSITION	High-density PVC + recycled PET felt	High-density PVC + recycled PET felt
MASS PER UNIT AREA	2.2 kg/m^2 (± 10%)	4.4 kg/m^2 (± 10%)
TENSILE STRENGTH	Min. 180 N	Min. 240 N
WEIGHT	22 kg	44 kg
STANDARD ROLL SIZE	1 m × 10 m	1 m × 10 m

APPLICATION DETAILS



Ceiling Lining

1. Reinforced concrete slab
2. Vibration-isolating hangers, metal framing and mineral wool
3. Gypsum board
4. **BarrierFelt membrane – 4 mm**
5. Gypsum board – visible ceiling finish



Wall Lining

1. Existing brick wall
2. Metal framing with mineral wool infill
3. Gypsum board
4. **BarrierFelt membrane – 4 mm**
5. Gypsum board – visible wall finish



Floor Lining

1. Concrete slab
2. Gypsum fibreboard
3. **BarrierFelt membrane – 4 mm**
4. Gypsum fibreboard
5. Resilient flooring underlay
6. Engineered wood flooring – visible floor finish

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