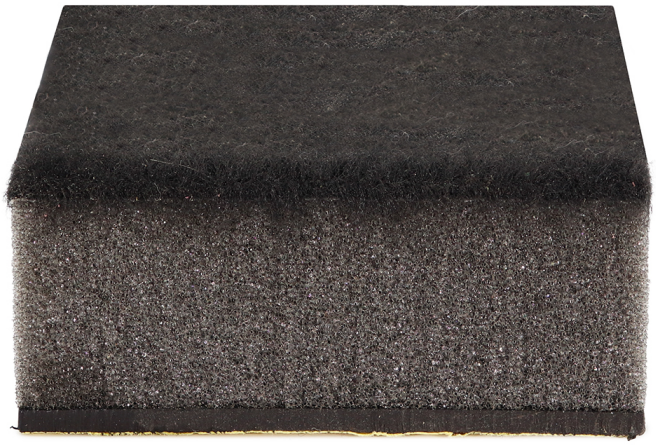
PFM

Multilayer acoustic panel with polyester fibre, PU foam and heavy mass layer. High sound absorption and effective airborne sound isolation in a compact solution.



The **AKUSTIKABSORBER PFM** is a multilayer acoustic panel designed to provide an effective balance between **high sound absorption and airborne sound isolation**. It consists of a **highly absorptive polyester fibre facing**, **flexible polyurethane foam** and a **heavy mass layer bonded to the rear**, significantly improving the overall sound isolation performance.

The polyester fibre facing, positioned on the side exposed to the sound source, provides excellent **sound absorption at medium and high frequencies**, whilst offering a clean technical finish. The polyurethane foam acts as an intermediate absorptive layer, helping to dissipate sound energy. Finally, the rear heavy mass layer increases the surface mass of the system and acts as an **acoustic barrier**, helping to reduce airborne sound transmission.

Thanks to this combination, PFM is particularly suitable for applications requiring **high acoustic performance within a compact construction**, including **technical rooms, cabins, acoustic enclosures and machinery housings**, particularly where both the internal acoustic environment and sound isolation to surrounding areas need to be improved.

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Drawings

PFM-15 sheet

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PFM-15 sheet	26135	-	14	7,113

PFM-15 A sheet

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PFM-15 A sheet	26138	✓	14	7,113

PFM-25 sheet

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PFM-25 sheet	26136	-	14	7,415

PFM-25 A sheet

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PFM-25 A sheet	26139	✓	14	7,415

PFM-40 sheet

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PFM-40 sheet	26137	-	14	7,868

PFM-40 A sheet

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
PFM-40 A sheet	26140	✓	14	7,868

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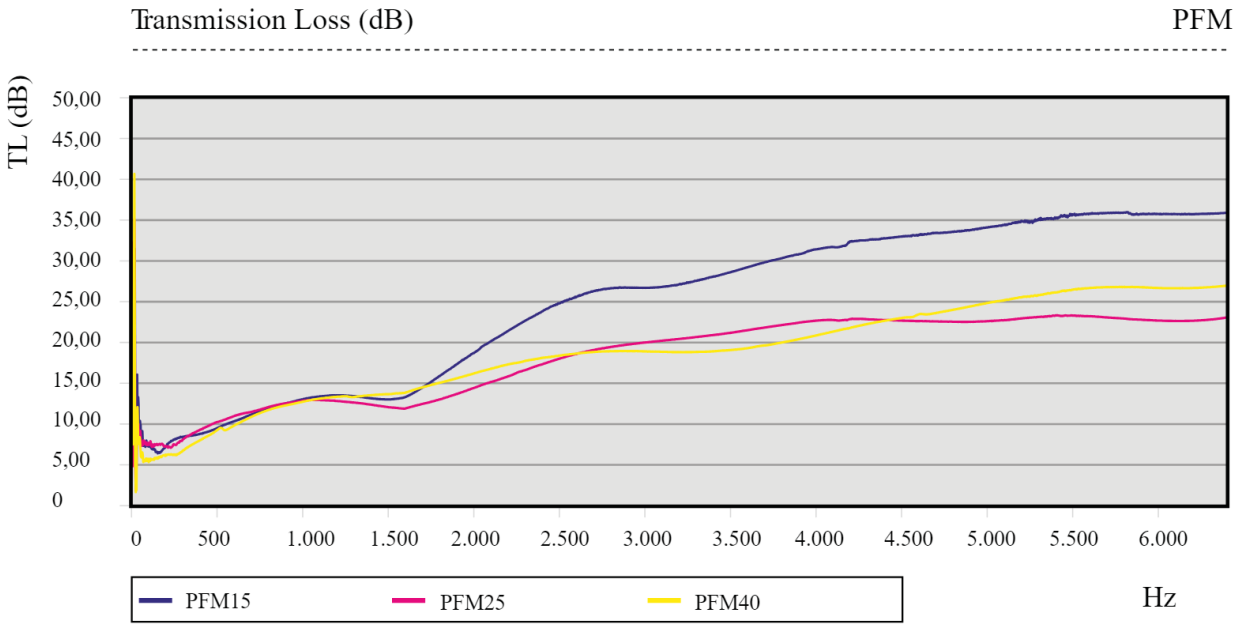
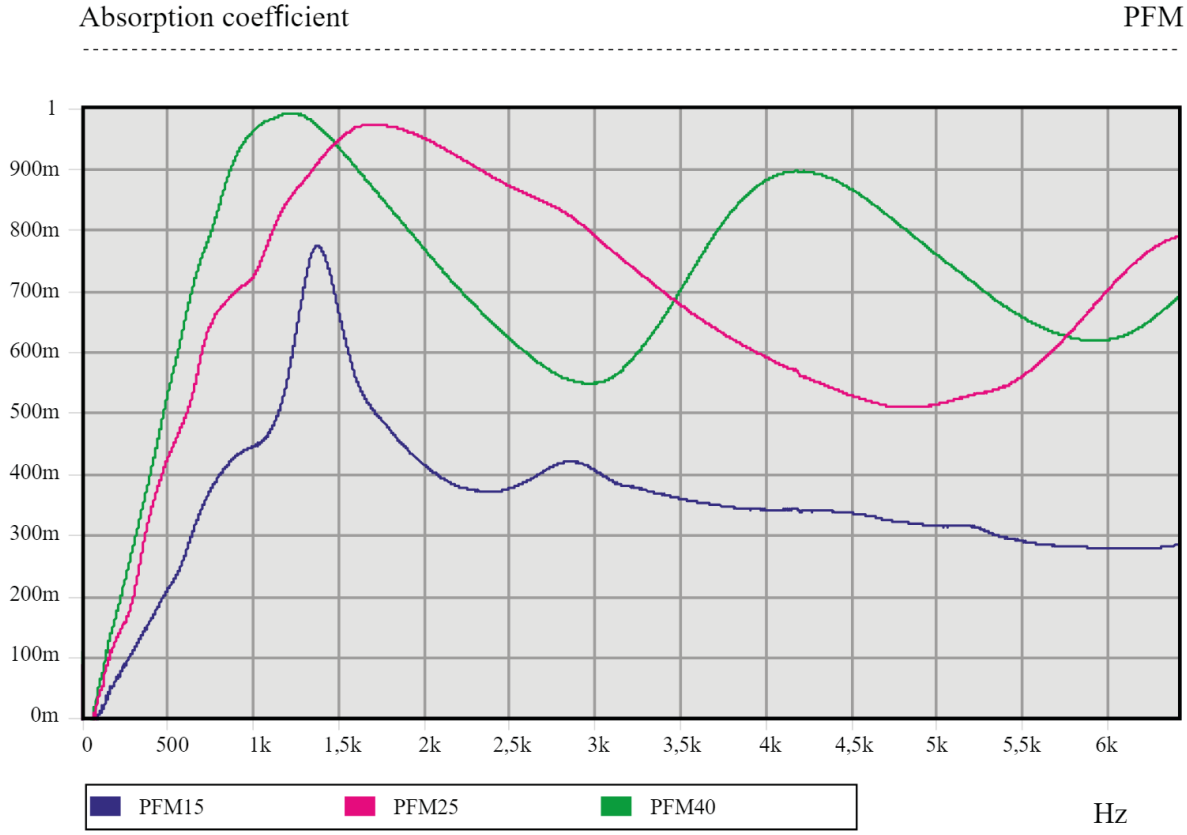
Elastic properties





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Technical characteristics

- CompositionBlack unwoven film, absorbing polyurethane foam and 5 Kg/m2 heavy viscoelastic mass.
- Thicknesses15mm 25mm 40mm

Formats

- Sheets1200x1000 mm

15mm thick, 8 Sheets per box.
25mm thick, 5 Sheets per box.
40mm thick, 3 Sheets per box.

Advantages

High absorption capacity

This material is highly porous and, thanks to its high absorption capacity, reduces reflections and reverberation time in enclosed spaces.

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