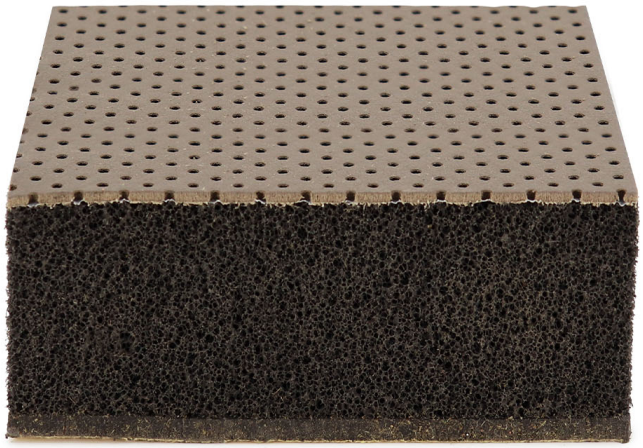
FDM

Fire-resistant acoustic panel with heavy mass layer and perforated PVC facing. Combines sound absorption, airborne sound isolation, and a clean finish for cabs and technical interiors.



The **AKUSTIKABSORBER FDM** is a multilayer acoustic panel combining **sound absorption, airborne sound isolation, and a technical finish** in a compact solution. It is particularly suitable for **cab interiors, technical rooms, and applications where acoustic performance must be combined with a clean, professional appearance**.

The panel consists of **fire-resistant Type F polyurethane foam**, a **heavy mass layer bonded to the rear** to improve airborne sound isolation, and a **beige perforated PVC facing**. The foam provides effective **sound absorption at mid and high frequencies**, while the heavy mass layer increases the surface mass of the system and helps **reduce airborne sound transmission**.

The perforated PVC facing protects the foam while allowing sound waves to reach the absorptive core. Its beige finish also provides a **clean and professional appearance**, making it particularly suitable for visible interior applications.

Thanks to this multilayer construction, FDM is particularly suitable for **machinery cabs, industrial vehicles, control rooms, acoustic enclosures, and interior panels** where a balance of **sound absorption, sound isolation, fire performance, and appearance** is required.

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Drawings

FDM-15 sheet

Type	Code	Self-adhesive	Rw(dB)	Weight /m2 (lbs)
FDM-15 sheet	26281	-	15	16

FDM-15 A sheet

Type	Code	Self-adhesive	Rw(dB)	Weight /m2 (lbs)
FDM-15 A sheet	26283	✓	15	16

FDM-25 sheet

Type	Code	Self-adhesive	Rw(dB)	Weight /m2 (lbs)
FDM-25 sheet	26282	-	13	18

FDM-25 A sheet

Type	Code	Self-adhesive	Rw(dB)	Weight /m2 (lbs)
FDM-25 A sheet	26284	✓	13	18

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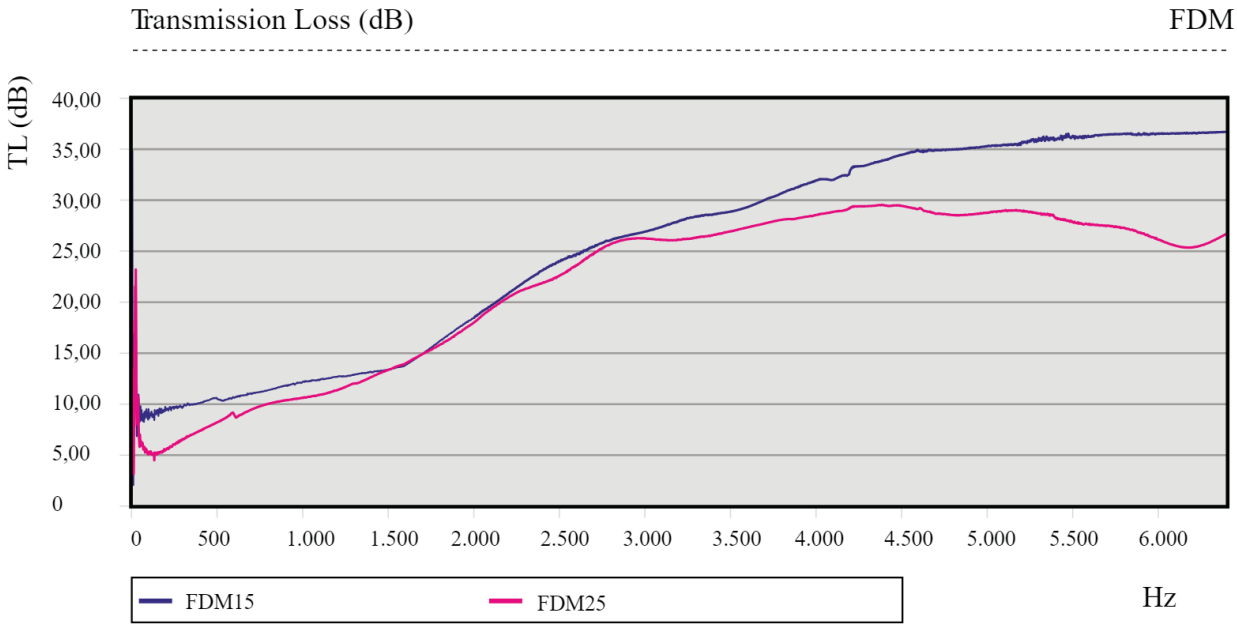
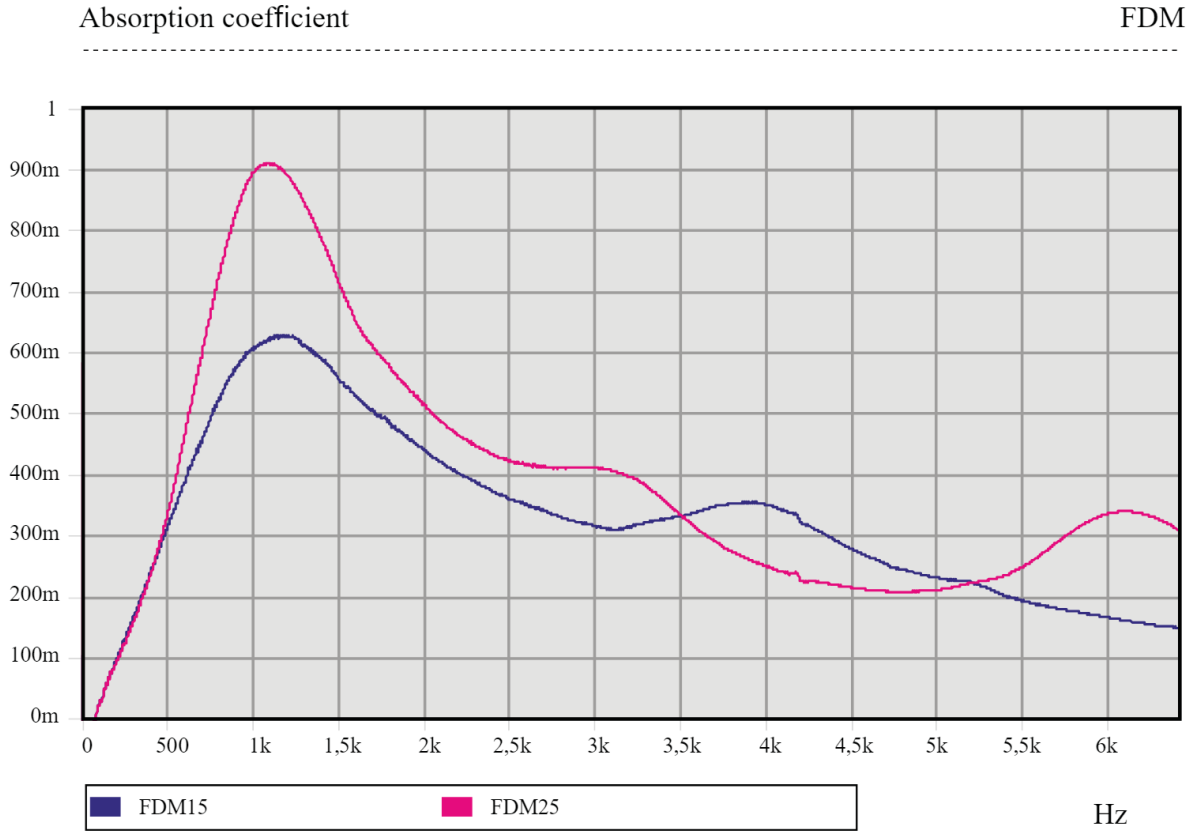
Elastic properties





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Technical characteristics

- CompositionBeige colour perforated PVC facing, M-1 class fireresistant absorbing polyurethane foam and 5 Kg/m2 heavy viscoelastic mass.
- Thicknesses15mm 25mm

Formats

- Sheets1200x1000 mm
15mm thick, 8 Sheets per box.
25mm thick, 5 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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