FAIM

Fire-resistant multilayer acoustic panel with Type F foam, rear heavy mass layer, and aluminized technical facing. High-performance acoustic isolation, absorption, and durability for industrial environments.



The AKUSTIKABSORBER FAIM range is designed to provide a complete acoustic isolation and absorption system for demanding environments. It combines Type F fire-resistant foam, an aluminized fiberglass technical facing on the exposed surface, and a heavy mass layer bonded to the rear. This multilayer construction provides an excellent combination of airborne noise isolation, fire resistance, and acoustic absorption at mid and high frequencies.

The rear acoustic mass, typically between 2 and 5 kg/m², significantly improves sound isolation, particularly at low frequencies where foam alone is less effective. The aluminized fiberglass facing also provides high resistance to abrasion, heat, and chemical agents, making FAIM particularly suitable for industrial environments, technical rooms, machinery, electrical compartments, and areas exposed to oils, splashes, or contaminants.

FAIM is normally installed with the foam facing the noise source to provide acoustic absorption, while the rear heavy mass layer acts as an acoustic barrier, reducing noise transmission. The complete assembly maintains fire-resistant performance suitable for technical applications with fire-safety requirements.

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In order to adapt its products to the state of the art, Aplicaciones Mecánicas del Caucho, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalog without prior notice.
Document generated on 16/11/2026.

Drawings

FAIM-15 sheet

Type	Code	Self-adhesive	Rw(dB)	Weight /m2 (lbs)
FAIM-15 sheet	26271	-	22	16

FAIM-15 A sheet

Type	Code	Self-adhesive	Rw(dB)	Weight /m2 (lbs)
FAIM-15 A sheet	26273	✓	22	16

FAIM-25 sheet

Type	Code	Self-adhesive	Rw(dB)	Weight /m2 (lbs)
FAIM-25 sheet	26272	-	25	18

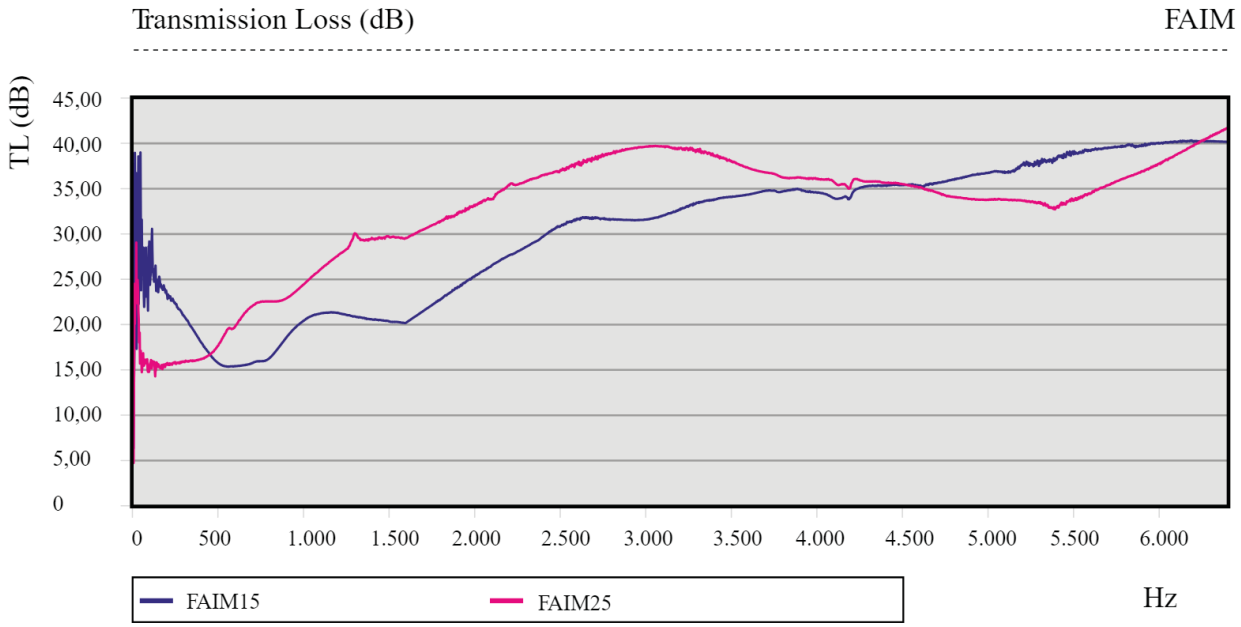
FAIM-25 A sheet

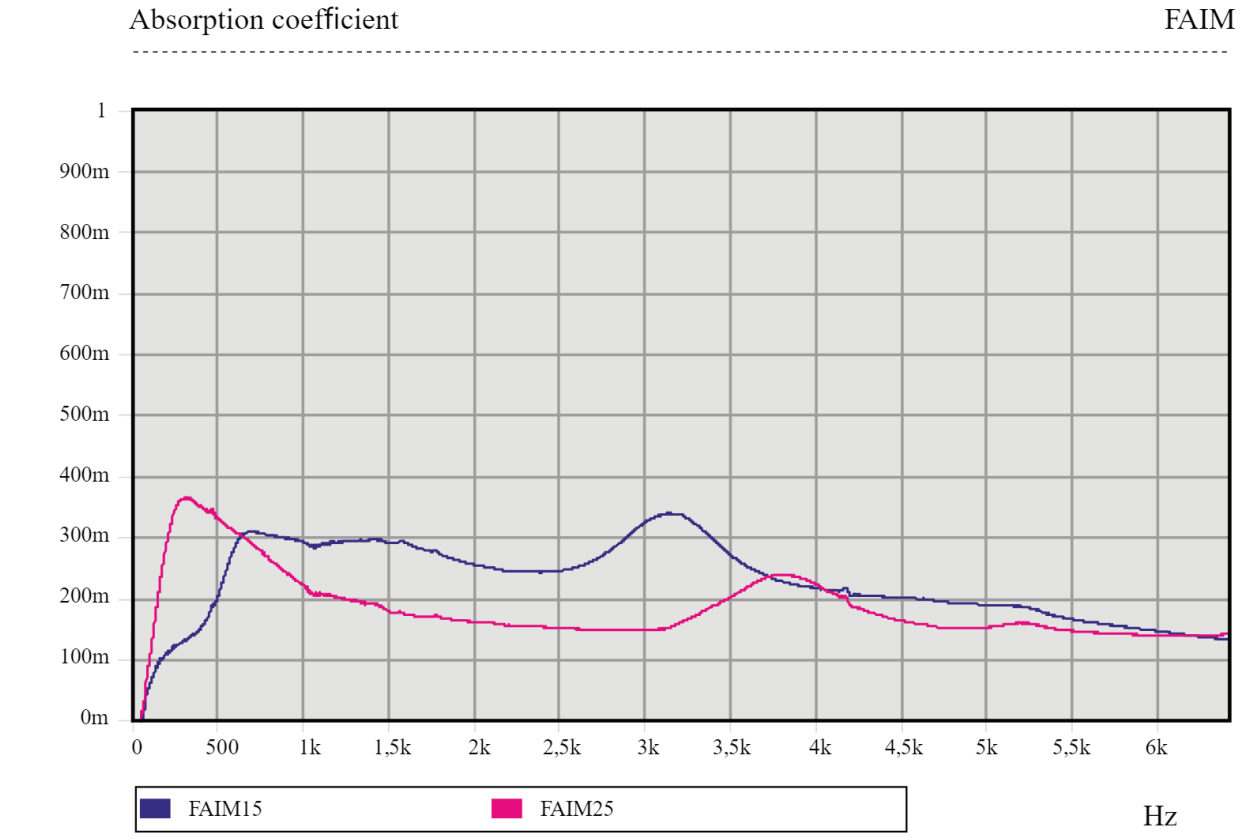
Type	Code	Self-adhesive	Rw(dB)	Weight /m2 (lbs)
FAIM-25 A sheet	26274	✓	25	18

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Elastic properties





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Technical characteristics

- CompositionAluminium facing with fibreglass support, M- 1 class fire-resistant 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

Excellent fire-retardant performance

This material has good fire-retardant properties and is suitable for industrial applications with a fire risk.

Material highly resistant to abrasion and dirty environments

Highly abrasion-resistant material, suitable for frequent cleaning.

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