FAI

Fire-resistant panel with Type F polyurethane foam and aluminized fiberglass facing. Ideal for acoustic isolation in demanding industrial environments.

The AKUSTIKABSORBER FAI range consists of panels manufactured from Type F fire-resistant polyurethane foam, with an aluminized fiberglass technical facing on the exposed surface. This configuration provides excellent fire performance together with high mechanical, thermal, and chemical resistance, making it an effective and durable acoustic isolation material for demanding industrial and technical environments.

The Type F foam core provides a certain degree of sound absorption, particularly at mid and high frequencies, while the aluminized fiberglass facing acts as a protective barrier against aggressive agents such as oils, splashes, and radiant heat. Although sound absorption is not its primary function, FAI provides an effective combination of protection and acoustic isolation, making it particularly suitable for applications requiring both fire safety and durability.

Thanks to its robust construction and technical finish, FAI is commonly used in acoustic enclosures, electrical cabinets, machinery rooms, technical enclosures, and ventilation ducts where a protected surface exposed to the environment and an effective acoustic barrier are required.

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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.
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Drawings

FAI-15 sheet

Type	Code	Self-adhesive	Rw(dB)	Weight /m2 (lbs)
FAI-15 sheet	26251	-	19	3

FAI-15 A sheet

Type	Code	Self-adhesive	Rw(dB)	Weight /m2 (lbs)
FAI-15 A sheet	26253	✓	19	3

FAI-25 sheet

Type	Code	Self-adhesive	Rw(dB)	Weight /m2 (lbs)
FAI-25 sheet	26252	-	23	5

FAI-25 A sheet

Type	Code	Self-adhesive	Rw(dB)	Weight /m2 (lbs)
FAI-25 A sheet	26254	✓	23	5

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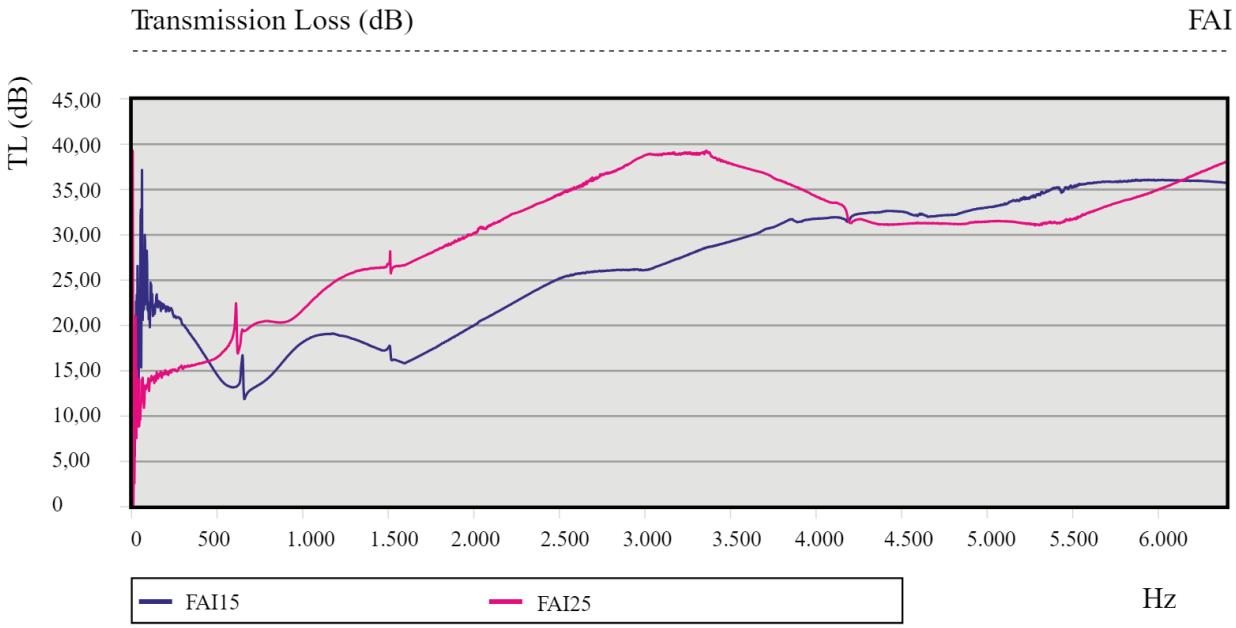
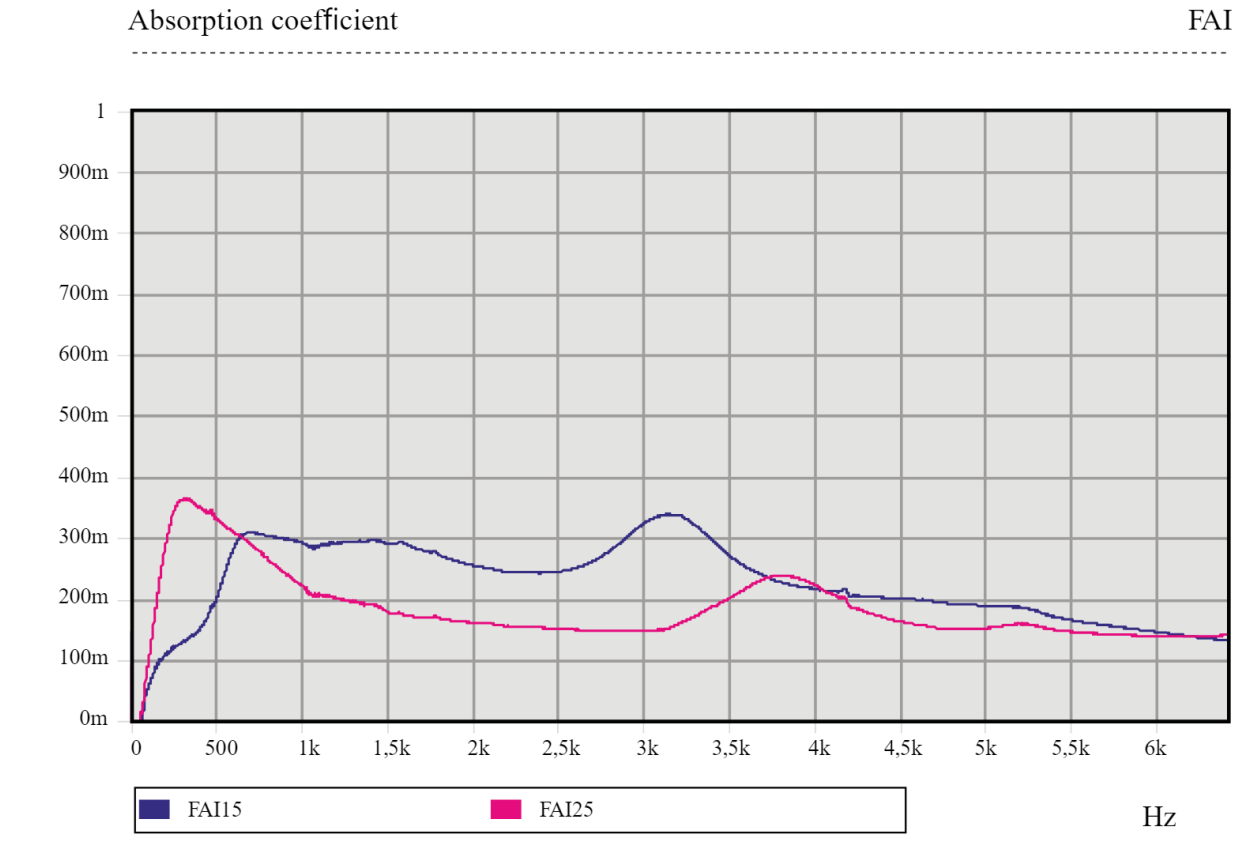
Elastic properties





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Technical characteristics

- CompositionAluminium facing with fibreglass support and M-1 class fireresistant absorbing polyurethane foam.
- Thicknesses15mm 25mm

Formats

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

Advantages

Material highly resistant to abrasion and dirty environments

Highly abrasion-resistant material, suitable for frequent cleaning.

Excellent fire-retardant performance

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

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