FAI30M

High-performance fire-resistant acoustic composite with double F foam and intermediate heavy mass layer. Maximum sound isolation for demanding technical enclosures.



The **AKUSTIKABSORBER FAI30M** range represents an advanced development in **fire-resistant acoustic isolation materials**, designed for environments requiring **maximum sound attenuation**, together with excellent fire resistance and durability under demanding operating conditions. Its multilayer structure has been carefully designed to optimise acoustic performance across the entire frequency range.

The panel consists of a high-strength, fire-resistant **aluminised glass fibre technical facing**, followed by a first **25 mm layer of type F fire-resistant foam**, a high-density **intermediate heavy mass layer** (5 kg/m^2) and a second **5 mm layer of F foam** on the rear. This sandwich configuration provides a dual action: **sound absorption** on the exposed face and **dissipation of sound energy** through the combined effect of the foam layers and central heavy mass.

FAI30M has been specifically developed for critical applications such as **high-performance acoustic enclosures, control rooms, power compartments, technical cabins and electrical enclosures**, where maximum sound isolation is required within a limited thickness, without compromising fire performance or durability in industrial environments.

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Drawings

FAI30M

Type	Code	Self-adhesive	Rw(dB)	Weight/m2 (kg)
FAI30M	26275	-	29	8,085

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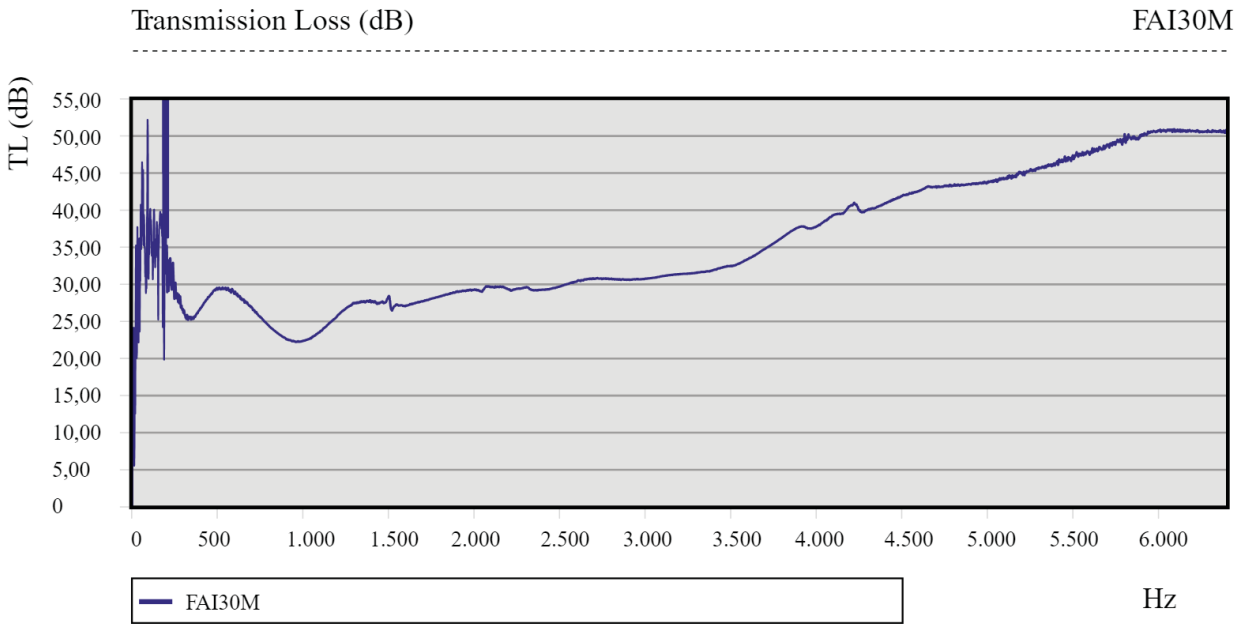
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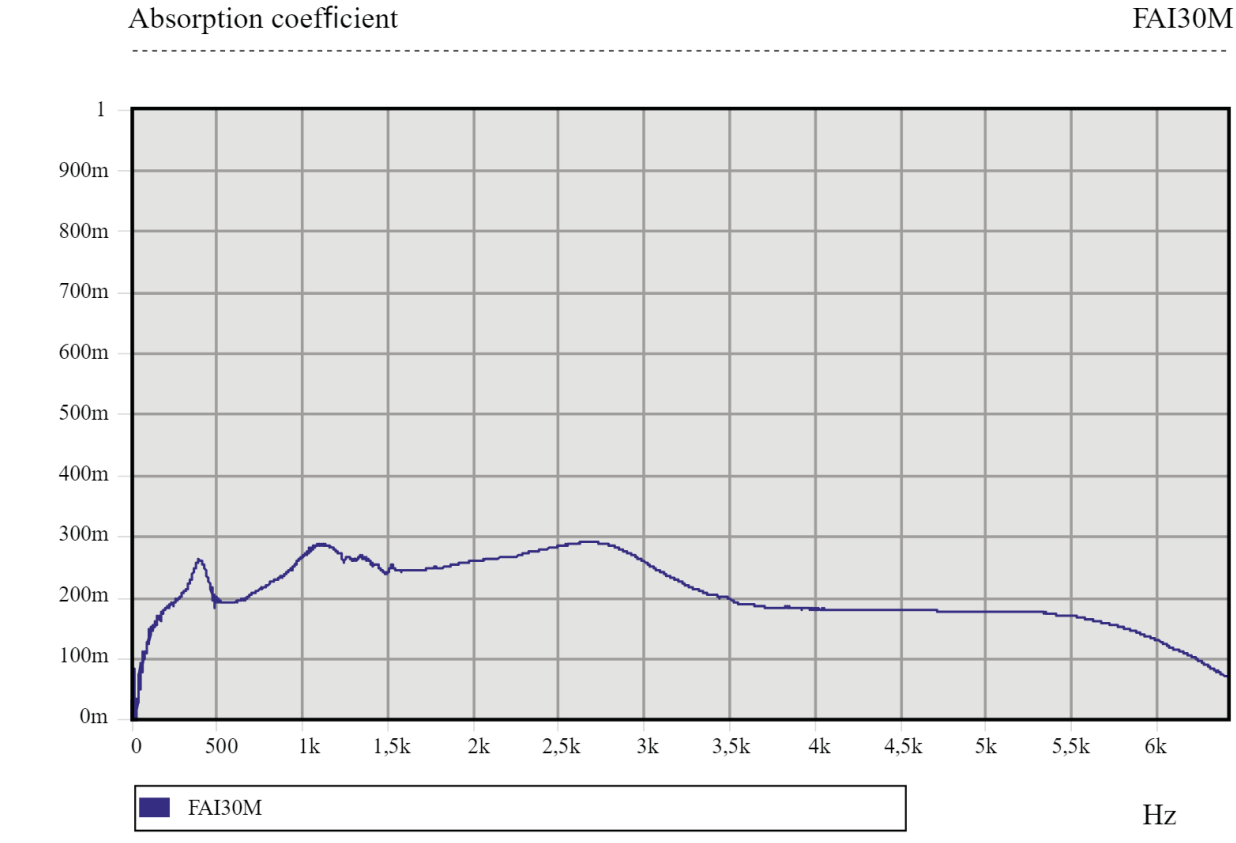
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Elastic properties





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Technical characteristics

- CompositionAluminium facing with fiberglass support, M-1 class fire-resistant absorbing polyurethane foam and 5 Kg/m2 heavy viscoelastic mass inserted within.
- Thicknesses30mm

Formats

- Sheets1200x1000 mm
30mm thick, 4 Sheets per box.

Advantages

Material highly resistant to abrasion and heavily soiled environments

Highly abrasion-resistant material, suitable for frequent cleaning.

Improved sound insulation

This material delivers superior acoustic performance thanks to its multiple insulating layers and heavy damping masses.

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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