

# DAFA Sound

ABS 10A

## Product

Sound absorber manufactured in special, fire retardant melamine foam with particularly good acoustic properties. Surface foil in metallised polyester.

## Application

For damping (absorbing) noise in ventilation ducts, noise cabins, sound locks, engine rooms, etc. where particular fire safety requirements apply.

The unique material structure ensures that medium and high frequency noise in particular are absorbed despite the extremely low density. The surface is heat reflective, easy-to-clean and resists water and common chemicals.

The thickness of the absorber can be adapted depending on the area of use and the desired result

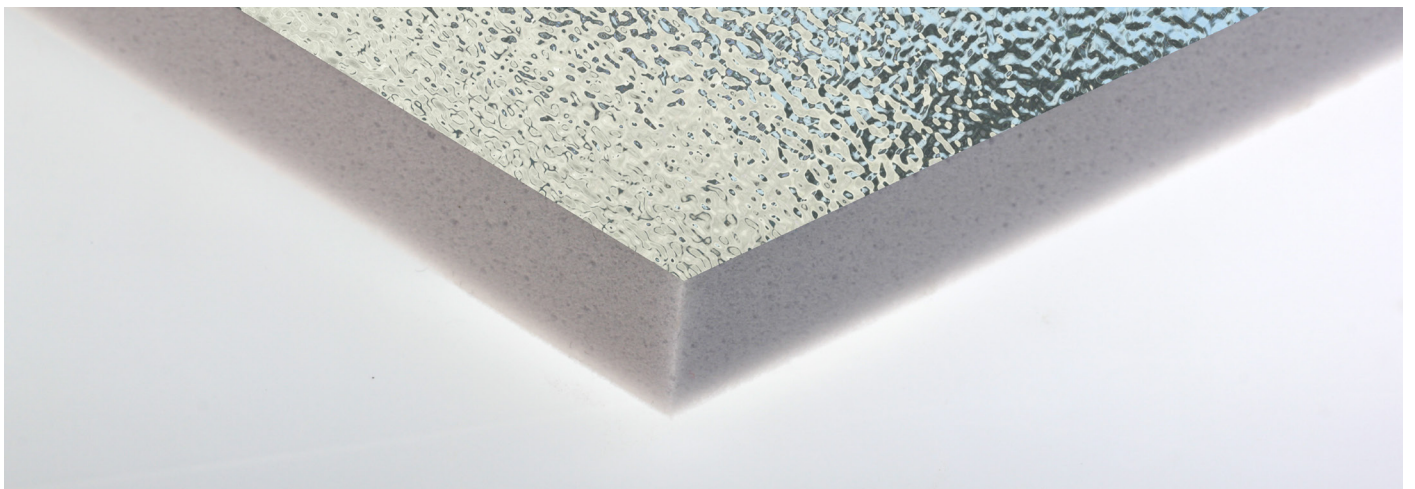
## Features

- Flexible and easy to assemble/use - possibly with mounting tape
- Extremely light - adds minimal weight to the structure
- Good absorption properties
- Surface foil simplifies cleaning and ensures imperviousness to fluids
- Special fire resistance
- UL B2 (2) approved
- No fibres

## Assembly / preparatory work

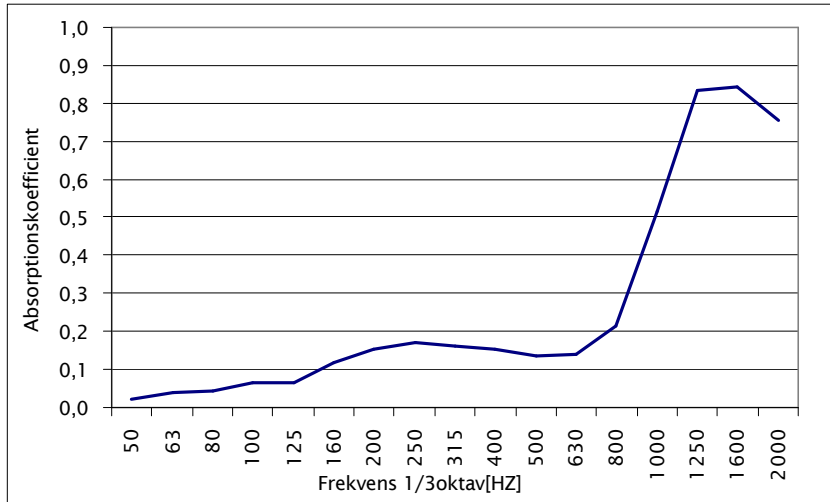
Mount on dry, cleaned surfaces. The use of mounting tape is referred to in the specifications for this. The material can be prepared extremely easily using a knife or punching tool.

Can be supplied with mounting tape, full panels/sheets or customised for fixed dimensions.



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Sound absorption,  $\alpha$  [%] according to EN/ISO 10534-2 for 20 mm ABS 10A



### Technical data

Temperature resistance	-60 °C/+150 °C
Short Term	+250 °C
Flammability	DIN4102 B1/UL94- VO-HF1/NF P 92-501-M1/FAR 25.853 (a)/ASTME 662-83
Colour	Foil: Metallised/Foam: Light Grey
Density	10 kg/m <sup>3</sup>
Thermal Conductivity	Lamda (10 °C) 0.035 W/m <sup>2</sup> K
Sound absorption	See test results above. Ref. DELTA test report

