

DAFA Sound

Combi Vinyl

Product

Aesthetic, flexible sound absorber / sound insulator manufactured in acoustic, fire retardant polyether foam with surface in textured / embossed vinyl foil

Application

For damping (absorbing) noise and laying in enclosures, cabins, etc. where appearance, fire safety and easy cleaning requirements apply.

The closed surface foil prevents the absorption of high frequency sound and has an insulating effect, while low frequency sound will be absorbed to a greater degree.

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

The vinyl foil is available in a number of colours depending on range / volume.

Features

- Flexible and easy to assemble / use - possibly with mounting tape
- Good sound damping (combined) properties - see diagram
- Durable and easy to clean surface - does not absorb moisture
- Fire resistant
- No fibres

Assembly / preparatory work

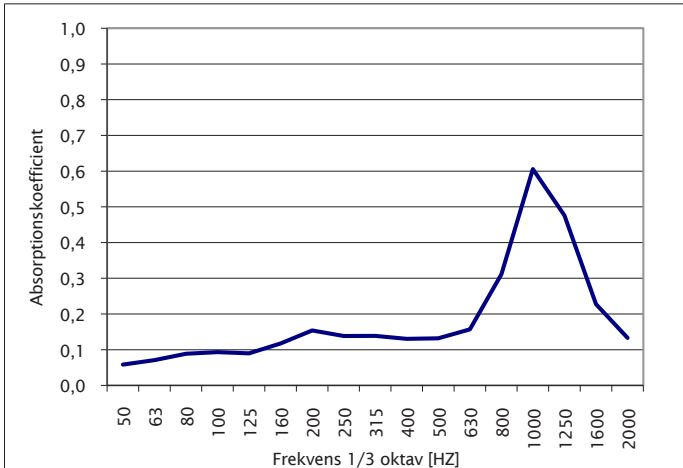
Mount on dry, cleaned surfaces. The use of mounting tape is referred to in the specifications for this.

The material can be prepared easily using a knife or punching tool.



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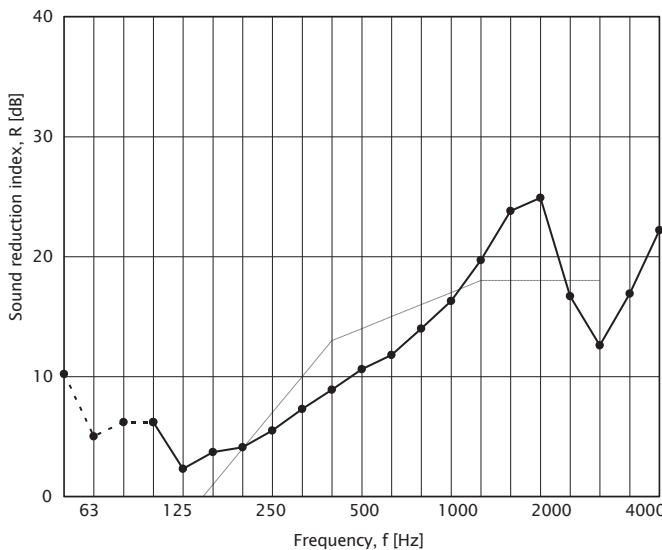
Sound absorption, α [%]
according to EN/ISO 10534-2



Technical data

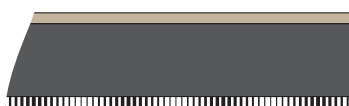
Temperature resistance	-40 °C / +80 °C
Thermal conductivity	Lamda (10 °C) 0.034 W / m°K
Colour	Foil: Light grey / Foam: Dark grey
Density	29 kg / m ³
Thickness	Foil: 0.30 mm / Foam: 20 mm
Flammability (foam)	UL 94 HF1 / MVSS 302 / ISO 3582
Sound reduction index	See test results above. Ref. DELTA test report
Sound absorption	

Sound reduction index, R [dB] according to EN/ISO 10140



Reference curve is shown

Weighted sound reduction index according to EN ISO 717-1:1996



- ← □ Foil 0.3 mm
- ← □ Foam 20 mm
- ← □ Available with self-adhesive tape

