

DAFA Sound

ISO 230U

Product

Sound absorber / insulator manufactured in special, fire retardant bonded foam. The unique material composition consists of recycled PUR foam and gives the product superior sound absorption and insulation properties. Depending on the area of use, the product is supplied without surface foil (U), with metalised polyester foil (A) or a thin acoustic polyurethane foil (P), where the latter two ensure that the foam both reflects heat and does not soak up moisture.

Application

For damping noise in ventilation ducts, noise cabins, sound locks, engine rooms, etc. where special requirements apply for combined absorption and insulation values. The high bearing capacity allows use in floor structures for blocking or vibration damping. DAFA Sound ISO 230U sets itself apart from lighter PUR foam qualities thanks to superior absorption properties in the low frequency range and extremely good insulation values. 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
- Environmentally friendly / Recycled materials
- Particularly good absorption properties
- Good insulation values
- Fire retardant quality
- No fibres – does not shed

Assembly / preparatory work

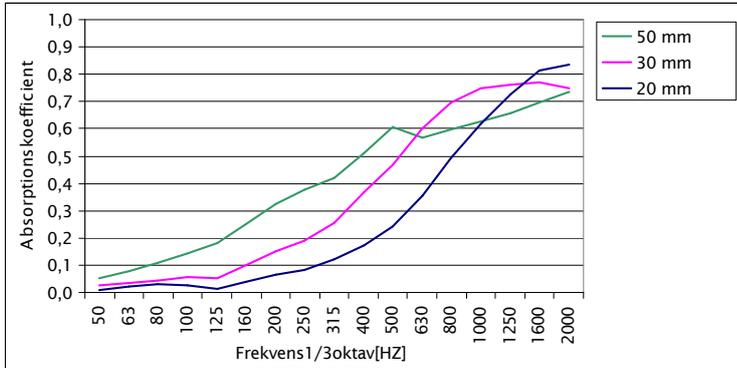
Mount on dry, cleaned surfaces. The use of mounting tape is referred to in the specifications for this.

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

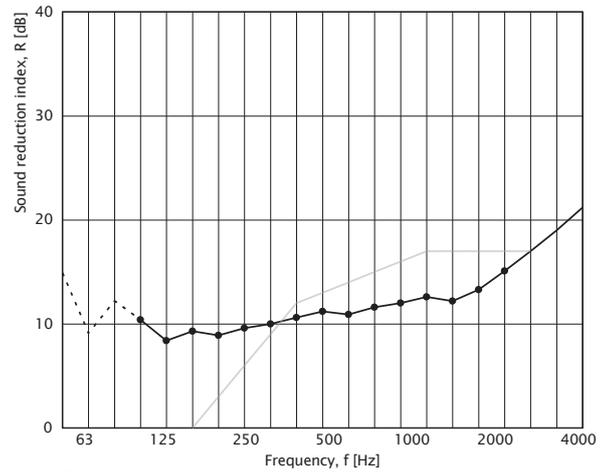


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Sound absorption, α [%]
according to ISO 10534-2



Sound reduction index, R [dB] according to
EN/ISO 10140 for 20 mm ISO 230U

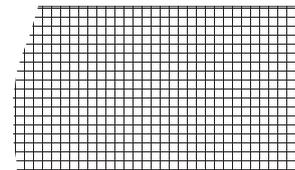


Reference curve is shown.

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

Technical data

Temperature resistance	-40 °C / +80 °C
Flammability	FMVSS-302
Colour	Foam: multi
Density	230 kg / m ³
Thermal Conductivity	Lambda 0.045 W / m ² K
Sound reduction index	See test results above. Ref. DELTA test report
Sound absorption	



← Fire retardant PUR foam