

AKUSTIK[®] - FOAM


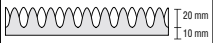

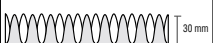


PROFILED
POLYURETHANE
FOAM
ACOUSTICAL
PANEL

MATERIAL

The profiled Akustik[®]-Foam panel is made of polyester-based flexible polyurethane foam. It is self-extinguishing, non drip. Type NG 35. Colour: anthracite. Allows dissipation of high levels of sound energy produced in the environment. Akustik[®]-Foam can be combined with barriers having a high acoustic reduction coefficient such as lead, EPDM, etc. Colouring is possible for visible surfaces.

STANDARD FORMATS

	B/20
	B/30
	B/40
	B/50

STANDARD SIZE

Width: 1000 mm

Length: 1000/2000 mm

Thickness: 20 - 30 - 40 - 50 mm, etc.

Any other size may be supplied on request.

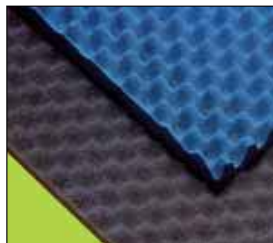
Size tolerance to M4 DIN 7715 standard, Part 2.

REACTION TO FIRE

Class 2 (self-extinguishing, non drip material) to UL94 HF1 standard DIN 75200 MVSS 302 standard.

FIELDS OF APPLICATION

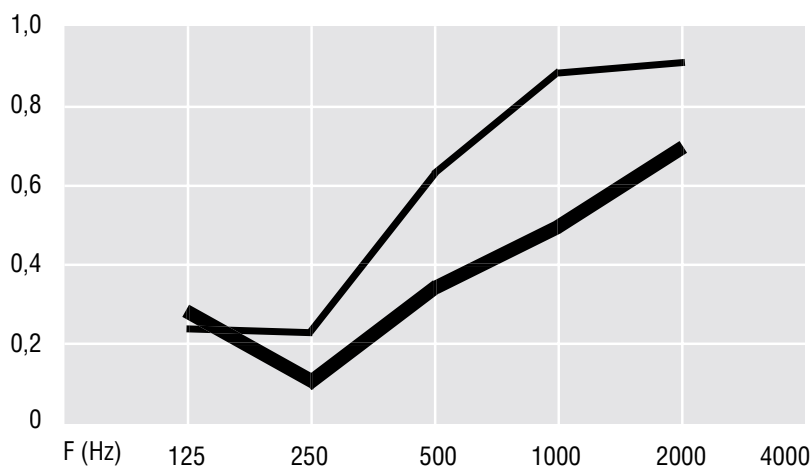
Akustik®-Foam is a sound-absorbing product with a wide range of applications in the sound treatment of industrial environments, the sound-proofing of air conduits, firing ranges, the internal lining of engine compartments, sound enclosures, silencers, sound-proofed cabins, ventilation equipment, etc.



INSTALLATION

Akustik®-Foam's flexibility allows it to be cut and shaped very easily. It can be applied to any surface, even curved, provided that it is smooth and free of grease, oil or dust, using the following adhesives: Adesilex VS 45.

Sound absorption coefficient (α_S)



Frequency (Hz)	125	250	500	1000	2000	4000
AKUSTIK® FOAM 30 mm	0,22	0,11	0,37	0,47	0,68	0,69
AKUSTIK® FOAM 50 mm	0,25	0,20	0,61	0,89	0,92	0,69

Acoustic absorption factors determined to DIN 52212 standard in a large reverberation chamber

PHYSICAL PROPERTIES

- Type of material
- Density
- Thermal conductivity coefficient
- Reaction to fire
- Resistance to temperature
- Panel size
- Surface appearance
- Thickness
- Basic colour

soft polyurethane foam type NG 35
 35 Kg/m³
 0.029 Kcal/m h° C
 Class 2, self-extinguishing,
 non drip, to UL 94 HF1 standard
 from -50° C to +110°C
 1000 x 1000 mm (or as requested)
 profiled
 20 - 30 - 40 - 50 mm, etc
 anthracite