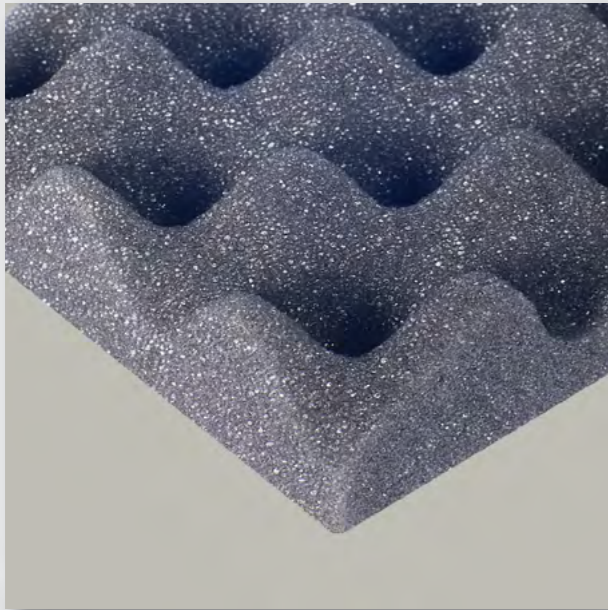


AKUSTIK® - FOAM



WIDTH	1000 mm
LENGTH	1000 mm Rolls available upon request
THICKNESS	20 - 30 - 40 - 50 mm Other upon request
DIMENSIONS TOLERANCE	according to M4 DIN 7715 Part 2
DENSITY	35 Kg/m ³
THERMAL CONDUCTIVITY COEFFICIENT	$\lambda = 0,029 \text{ W/mK}$
ACOUSTIC ABSORPTION	$\alpha_S = 0,92$ (50 mm/2000 Hz)
REACTION TO FIRE	polyurethane HF1 (according to UL94)

PROFILED POLYURETHANE FOAM ACOUSTICAL PANEL

MATERIAL

The profiled Akustik®-Foam panel is made of polyester-based flexible polyurethane foam, color dark grey. 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. It is possible to paint the visible surfaces in order to optimize the functionality with the interior architecture and/or to realize blunted edges of 45° on the four sides.

FIELDS OF APPLICATION

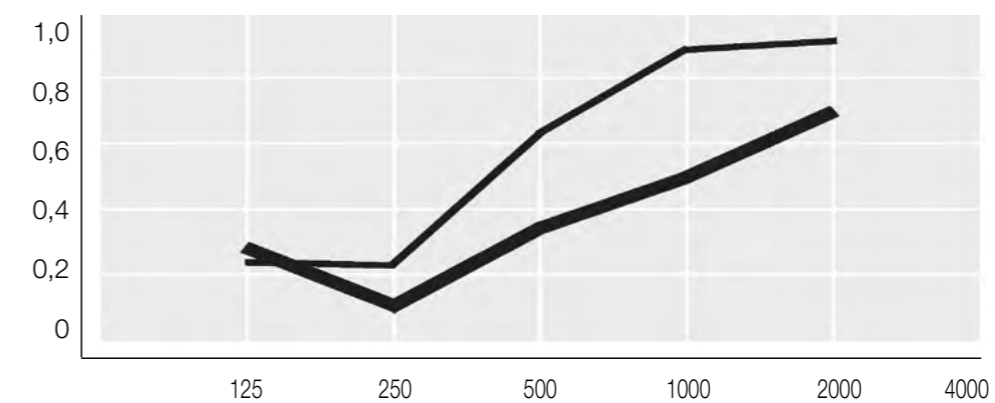
Akustik®-Foam is a soundabsorbing product with a wide range of applications in the sound treatment of industrial environments, the sound-proofing of air conduits, firing ranges, the internal lining of engine compartments, sound enclosures, silencers, soundproofed cabins, ventilation equipment, etc.

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 NDA VIL glue. The product can also be supplied with self-adhesive surface to facilitate application.

APPLICATIONS

SOUND ABSORPTION COEFFICIENT (α_S)



FREQUENCY Hz	125	250	500	1000	2000	4000
α_S 30 mm	0,22	0,11	0,37	0,47	0,68	0,69
α_S 50 mm	0,25	0,20	0,61	0,89	0,92	0,69

Determination of sound absorption coefficient according to DIN 52212 in large reverberation room

STANDARD FORMATS

