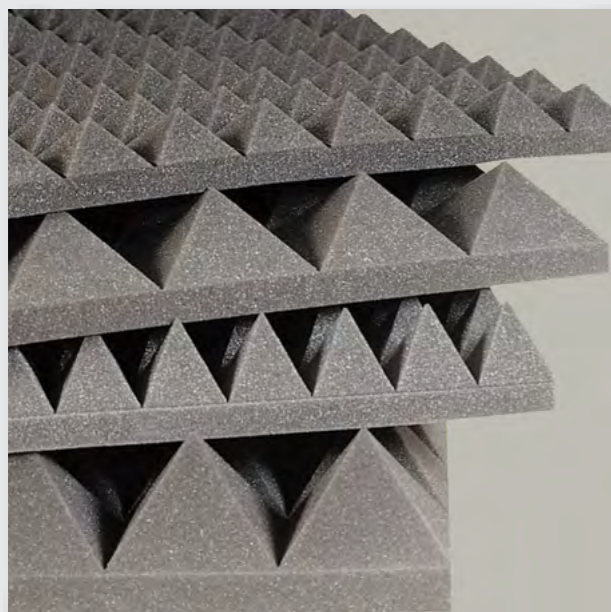


AKUSTIK® - STOP



WIDTH	1000 mm
LENGTH	1000 mm
THICKNESS	35 - 50 - 70 - 100 mm
DIMENSIONS TOLERANCE	according to M4 DIN 7715 Part 2
MATERIAL	open cell flexible polyester-based polyurethane foam
DENSITY	35 Kg/m ³
THERMAL CONDUCTIVITY COEFFICIENT	$\lambda = 0,029 \text{ W/mK}$
RESISTANCE THERMAL	-10 +90 °C
REACTION TO FIRE	poliuretano classe HF1 (according to UL94)

PYRAMID POLYURETHANE ACOUSTICAL FOAM PANEL

MATERIAL

Open cell flexible polyester- based polyurethane foam, density 35 kg/m³, color dark grey. Ideal for acoustic absorption, as well as guaranteeing excellent thermal insulation and consequent energy saving. Upon request, it can be painted in all the RAL range colors.

FIELDS OF APPLICATION

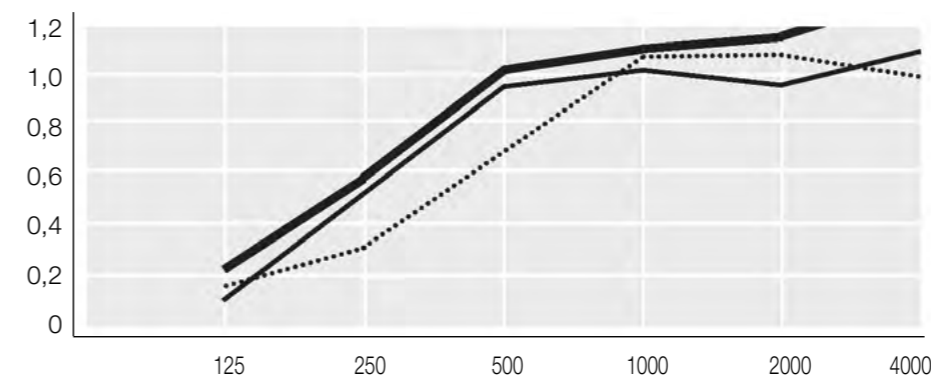
Akustik®-Stop is widely used in gymnasiums, lecture rooms, auditoriums, musical recording studios, radio and TV studios, for mobile acoustic paneling, compressor engine rooms, etc.

INSTALLATION

Akustik®-Stop 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	0,22	0,55	0,96	1,13	1,15	1,43
Sound absorption coefficient	0,08	0,53	0,90	1,03	0,97	1,03
	0,11	0,27	0,59	1,08	1,07	1,01

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

Thanks to their angular structure which triples the absorbing surface, Akustik®-Stop panels afford an excellent degree of acoustic absorption, with excellent results at medium and high frequencies (500÷2000 Hz). Whenever a high acoustic absorption coefficient is required, Akustik®- Stop can be assembled together with barriers with a high acoustic insulation coefficient such as lead, lead rubber etc. The profile of this product, and the possibility of coloring it, allow its functionality to be optimised in interior architecture.

STANDARD FORMATS

