

# AKUSTIK® - STOP

## MATERIAL

Open cell flexible polyester-based polyurethane foam, density 35 kg/m<sup>3</sup>, color anthracite, resistant to temperatures between -10°C and +90°C. Ideal for sound absorption, as well as guaranteeing excellent thermal insulation and consequent energy saving.

## DIMENSIONS

### SHEET SIZE

**Width:** 1000 mm

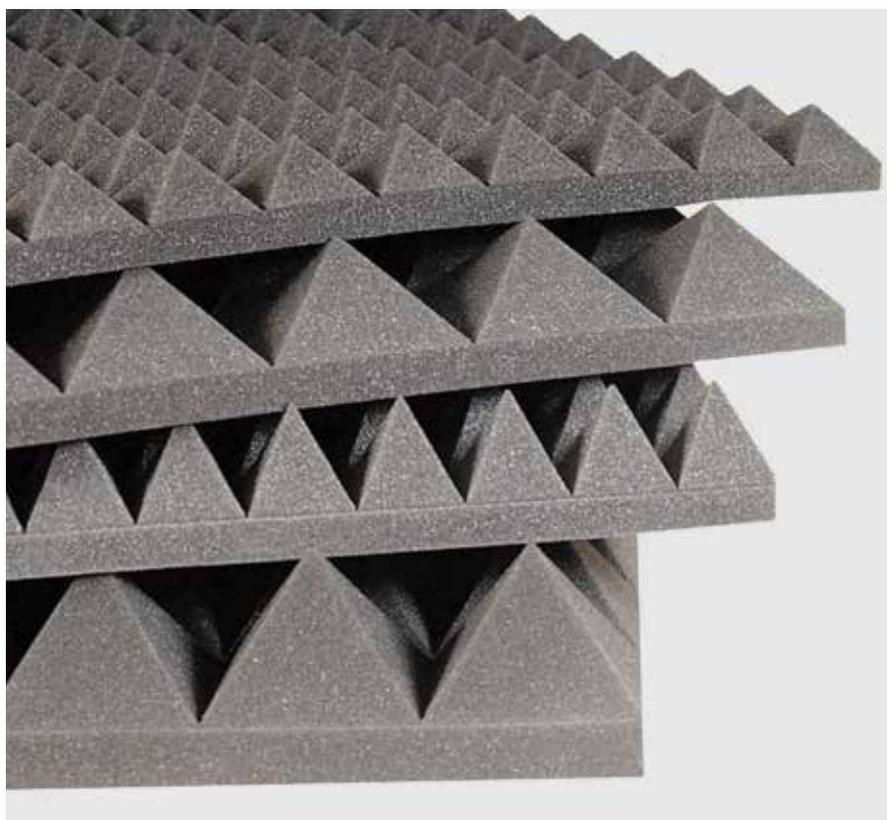
**Length:** 1000 mm

**Thickness:** 35 - 50 - 70 - 100 mm

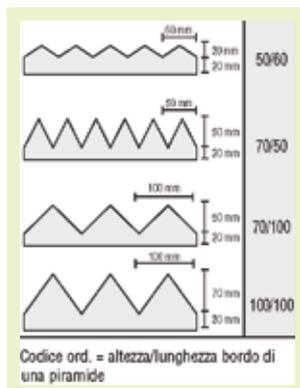
Any other size may be supplied on request.

Size tolerance to DIN 7715 standard, Part 2.

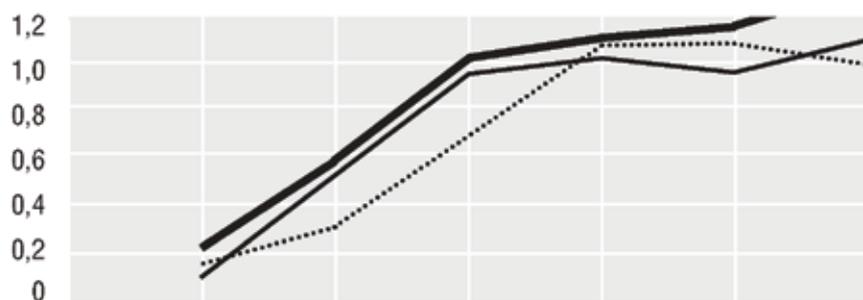
## PYRAMID POLYURETHANE ACOUSTICAL FOAM PANEL



## STANDARD FORMATS



### Grado di assorbimento acustico ( $\alpha_s$ )



Frequenza (Hz)	125	250	500	1000	2000	4000
Grado di assorbim. $\alpha_s$	0,22	0,55	0,96	1,13	1,15	1,43
del rumore	0,08	0,53	0,90	1,03	0,97	1,03
	0,11	0,27	0,59	1,08	1,07	1,01

— 100 mm of pyramid panel, excited by a shot fired  
 - - - 100 mm of pyramid panel, excited by a loudspeaker  
 ..... 70 mm of pyramid panel, excited by a loudspeaker

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

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 sound 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.

### PHYSICAL PROPERTIES

- **Type of material:** soft polyurethane foam type NG 35
- **Density:** 35 Kg/m<sup>3</sup>
- **Thermal conductivity coefficient:** 0.029 kcal/mh°C
- **Resistance to temperature:** -10°C to +90°C
- **Panel size:** 1000 x 1000 mm (or as requested)
- **Surface appearance:** pyramid
- **Thickness:** 35-50-70-100mm
- **Basic color:** anthracite

### FIELDS OF APPLICATION

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

### INSTALLATION

Akustik® k -Stop'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: NDA VILL. The product can also be supplied with self-adhesive surface to facilitate application.