POLYFON Wedge

Acoustic Foam panel with Wedges Shape

SOUND ABSORPTION PROPERTIES

POLYFON-Wedge : An innovative broadband acoustic foam panel, with wedges form, offer high Sound Absorption characteristics. It absorbs the sound energy and reduces the Reverberation time.

Description

POLYFON-Wedge can be used in halls, in order to improve acoustic properties and reverberation time, thus assisting in reducing unwanted reflections, flutter echo and standing waves. It can improve the acoustic quality, prevent the room modes and increase the clarity.

POLYFON-Wedge contributes in offering a unique and modern appearance in the room.

Installation on the wall can be easily done with a staple gun or adequate glue.

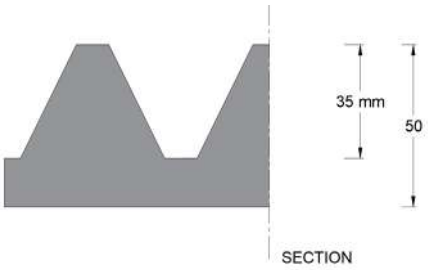
POLYFON-Wedge is a flexible foam panel, made of polyurethane, with semi-closed cells and a wedge design, that effectively absorbs the sound energy and reduces the reverberation time. The acoustic energy is dissipated as heat in the foam cells.

Appropriate advanced technological cutting machine is used in order to cut foam

Thickness (Max):	50 mm
Dimensions:	300 X 300 mm (other thicknesses and dimensions upon request).
Color:	Dark Grey / Anthracite.
Fire Resistance:	SE (MVSS 302) Self-extinguishing.
Characteristics:	High sound absorption foam, uniform porous structure. Reduces excess sound reflection, Reverberation time, improving vocal clarity.

Typical applications:

Home Theatres, Recording & Post Production Studios, Rehearsal Rooms, Conference Rooms, night clubs etc.



Acoustic characteristics

Type	Sound Absorption Coefficient (α_p) Frequency (Hz)						Weighted Sound Absorpion Coefficient (α_w)	Sound Absorption Class
	125	250	500	1000	2000	4000		
POLYFON-Wedge.30	0.2	0.4	0.7	0.9	1	1	0.9	A

Sound absorption coefficients α_p, according to ISO 11654:1997.

Design and Production according to Quality Management System ISO 9001.2008 & Environmental Management System ISO 14001.2004

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