ISOLFON SE.PY

Acoustic Foam Slabs with Pyramid shapes

ISOLFON - SE.PY : Polyurethane foam slab with a paterned pyramidic forms, that effectively traps sound and reduces the reverberation time.

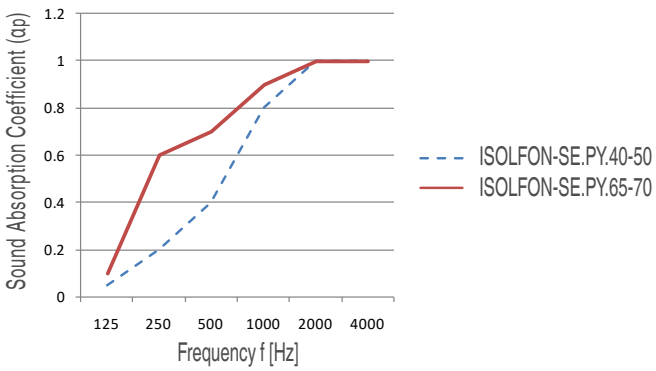
TECHNICAL CHARACTERISTICS

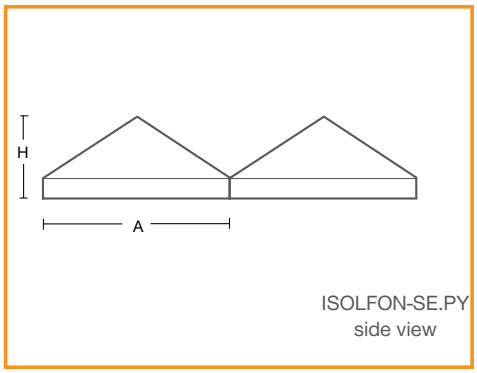
Thickness (Max): 40 - 65 mm (other dimensions on request).
Dimensions: 100 x 50 cm
Color: Dark Grey / Anthracite.
Fire Resistance: SE (MVSS 302) Self-extinguishing.
Applications: Sound absorption in recording studios, home cinema, night clubs, loudspeakers, etc.
Characteristics: High sound absorption, uniform porous structure. Reduces excess sound reflection, reverberation times, improving vocal clarity.

ISOLFON - SE.PY offers sound absorption in the middle and high frequencies.
It is produced in various thicknesses to cover the needs of all kinds of applications where sound absorption is required.
The panel is flexible and can be easily installed (no advanced equipment is required). Just use glue on flat or curved surfaces of any kind (free of dust, oil and grease). Some critical applications may need appropriate mechanical fixing.

ACOUSTIC PROPERTIES

Sound Absorption Coefficient (in relation to the thickness)





Type ISOLFON-SE.PY	Pyramid Dimensions (H x A) (mm)	Practical Sound Absorption Coefficient αp						Weighted Sound Absorption Coefficient (α_w)	Sound Absorption Class
		Frequency (Hz)							
		125	250	500	1000	2000	4000		
ISOLFON-SE.PY.40-50	40 x 50	0.05	0.2	0.4	0.8	1	1	0,8(H)	B
ISOLFON-SE.PY.65-70	65 x 70	0.1	0.3	0.7	0.9	1	1	0,9	A

Practical Sound Absorption Coefficient αp, has been calculated according to ISO 11654:1997.

*Our company applies the Quality Management System **ISO 9001.2008** & Environmental Management System **ISO 14001.2004***

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