ISOLFON PU

Acoustic Foam Flat Slabs

ISOLFON - PU : Polyurethane foam slabs with a flat form design that effectively absorb the sound and reduce the noise.

TECHNICAL CHARACTERISTICS

Thickness (Max): 5 - 10 - 20 - 50 mm (other dimensions on request).

Dimensions: 100 x 100 cm. (also available in rolls)

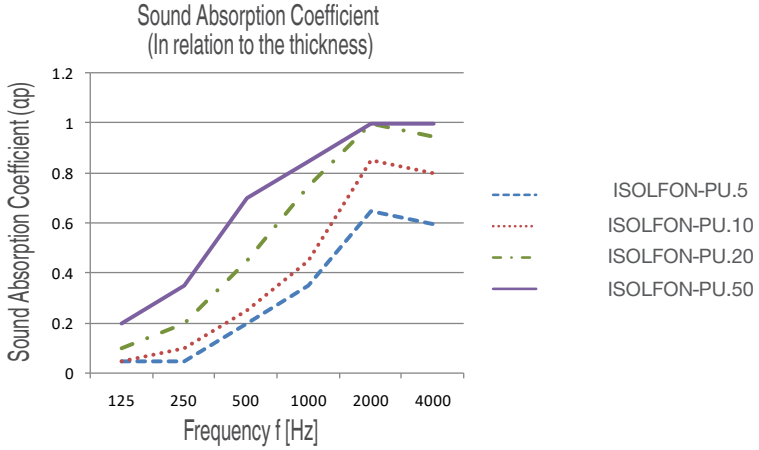
Fire Resistance: SE (MVSS 302) Self-extinguishing.

Characteristics: High sound absorption, uniform porous structure.

Applications: Sound absorption in, ventilation air ducts, Fan boxes, Acoustic Louvers, Machine canopies. Reduces excess sound reflection.

ISOLFON - PU offers sound proofing in the middle and high frequency. 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



Type ISOLFON-PU	Practical Sound Absorption Coefficient (α_p)						Weighted Sound Absorption Coefficient (α_w)	Sound Absorption Class
	Frequency(Hz)							
	125	250	500	1000	2000	4000		
ISOLFON-PU.5	0.05	0.05	0.2	0.35	0.65	0.6	0.35 (H)	D
ISOLFON-PU.10	0.05	0.1	0.25	0.45	0.85	0.8	0.45 (H)	D
ISOLFON-PU.20	0.1	0.2	0.45	0.75	1	0.95	0.75 (H)	C
ISOLFON-PU.50	0.2	0.35	0.70	0.90	1	1	0.9	A

Practical Sound Absorption Coefficient α_p 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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