



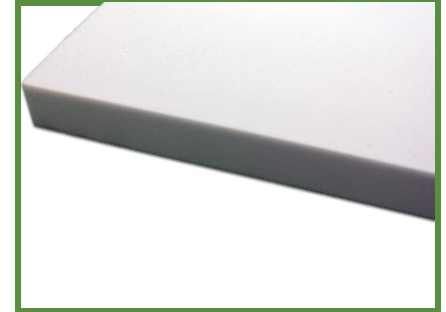
TECHNICAL DATA

Stele

Reverberation control in confined spaces

Product description and Technical Specification

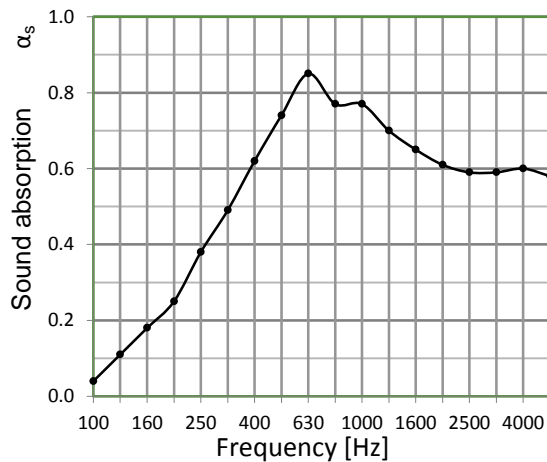
Melamine resin foam panel for sound absorption, thickness 5 cm, dimensions 125 cm x 125 cm, weight 0.50 kg/m², colour light grey. The sound absorption coefficient of the panel is $\alpha_w = 0.60$.



- suitable for extended surfaces
- easy to install on all surfaces
- high absorption in low thickness

PHYSICAL CHARACTERISTICS	Norm	Unit	Stele	Tolerance
Thickness		cm	5	± 5%
Length		cm	125	± 1%
Width		cm	125	± 1%
Density		kg/m ³	10	± 1
Superficial mass		kg/m ²	0.50	± 10%
Colour			light grey	

ACOUSTIC CHARACTERISTICS	Norm	Unit	Stele	Tolerance
Sound absorption coefficient α_w	ISO 354 and 11654	-	0.60	



Sound absorption coefficient			
f [Hz]	α_s	f [Hz]	α_s
100	0.04	800	0.77
125	0.11	1000	0.77
160	0.18	1250	0.70
200	0.25	1600	0.65
250	0.38	2000	0.61
315	0.49	2500	0.59
400	0.62	3150	0.59
500	0.74	4000	0.60
630	0.85	5000	0.58

Measurements according to ISO 354 standard

TECHNICAL CHARACTERISTICS	Norm	Unit	Stele	Tolerance
Compression resistance	ISO 3386	kPa	5.0	± 1
Thermal conductivity coefficient (λ)	UNI EN 12667	W/m ² K	0.034	-
Resistance to combustion	EN 13501-1		B-s1,d0	-
Operating temperature		°C	-60 / +150	-

PACKING AND STORING

The product is packed in a big polymeric bag inside a carton box with dimensions 1250 mm x 1250 mm x 500 mm. Indoor storage is recommended for the products, repaired from rain and direct sunlight. The products are subjected to permanent deformation when exposed to high concentration of humidity.

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