



TECHNICAL DATA

Keope P

Reverberation control in confined spaces

Product description and Technical Specification

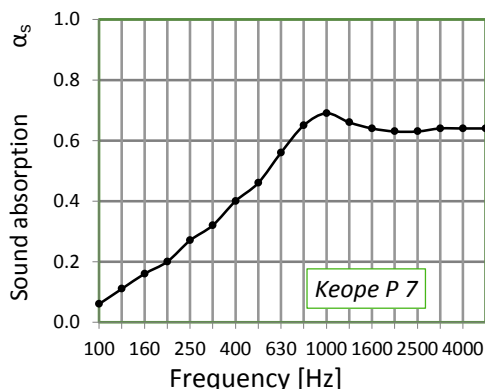
Open cell polyurethane foam panel for sound absorption with pyramidal shape on one face, total thickness ... cm, dimensions 100 cm x 100 cm, weight ... kg/m², colour dark grey. The sound absorption coefficient of the panel is $\alpha_w = \dots$.



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

PHYSICAL CHARACTERISTICS	Norm	Unit	P 5	P 7	P 10	Tolerance
Thickness		cm	5	7	10	± 5%
base		cm	2	2	3	-
pyramid		cm	3	5	7	-
Length		cm	100			± 1%
Width		cm	100			± 1%
pyramid		cm	5	5	10	-
Density		kg/m ³	30			± 2
Superficial mass		kg/m ²	0.9	1.1	1.6	± 10%
Colour			dark grey			

ACOUSTIC CHARACTERISTICS	Norm	Unit	P 5	P 7	P 10	Tolerance
Sound absorption coefficient α_w	ISO 354	-	-	0.50	-	



Sound absorption coefficient					
f [Hz]	α_s	f [Hz]	α_s	f [Hz]	α_s
100	0.06	400	0.40	1600	0.64
125	0.11	500	0.46	2000	0.63
160	0.16	630	0.56	2500	0.63
200	0.20	800	0.65	3150	0.64
250	0.27	1000	0.69	4000	0.64
315	0.32	1250	0.66	5000	0.64

Measurements according to ISO 354 standard

TECHNICAL CHARACTERISTICS	Norm	Unit	P 5	P 7	P 10	Tolerance
Compression resistance	ISO 3386	kPa	5.0			± 1
Thermal conductivity coefficient (λ)	UNI EN 12667	W/m ² K	< 0.08			
Resistance to combustion	CSE RF 3/77		Class 2			
Operating temperature		°C	-40 / +120			

PACKING AND STORING

The packaging consists of a big polymeric bag with dimensions 1050 mm x 1050 mm x 420 mm (h). Indoor storage is recommended for the products, repaired from rain and direct sunlight.

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