

E_Wall (Recycled Acoustic Wall Panel)

With today's hectic environment, we seek refuge from places away from the noise and the hustle and bustle. From the spaces we work and learn to where we meet our friends, keeping noise levels down is one of the most important aspects of modern design. Our well being is highly dependent on it.

Ekous expertise in providing acoustic solution with aesthetic value, have created a truly dynamic product that will create both a statement and improve the acoustic performance of any interior spaces.

E-Wall panels are completely demountable geometrical 45mm thick panel that can be repositioned or changed so your interior will never be static. Designed to be fixed either directly or by way of a simple clip that snaps into four sections, the tiles can be easily mounted onto most substrates.

They are thoroughly tested to meet internationally recognized acoustic standards, reliability and performance guaranteed.

Manufactured from 100% polyester with not less than 60% post consumer recycled material, E-Wall Panels can be used to assist towards gaining points for green building interior projects.



“creating unique vibrant interiors”



Quadro

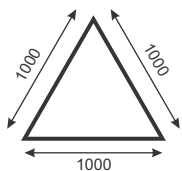


Phi

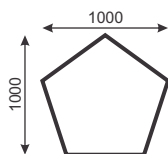


Trio

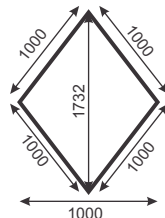
STANDARD SHAPES AND SIZES.



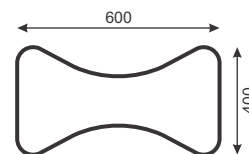
Trio



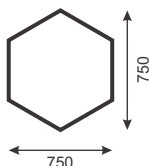
Penta



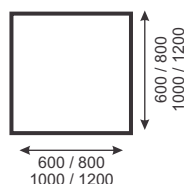
Dia



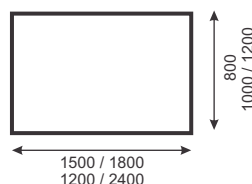
Bow



Alexa



Quadro



Phi



Cirq

Product Care

Ekous panels are easy to clean. Please use soap and water or specific carpet cleaner to remove stains or marks. The panel should be blotted first to remove surface spills and then cleaned gently with a soft clean cloth, taking care not to rub excessively or use excess water. Panels with Paint Finish can be lightly painted over once; further coats of paint would compromise the acoustic performance.

Acoustic Performance

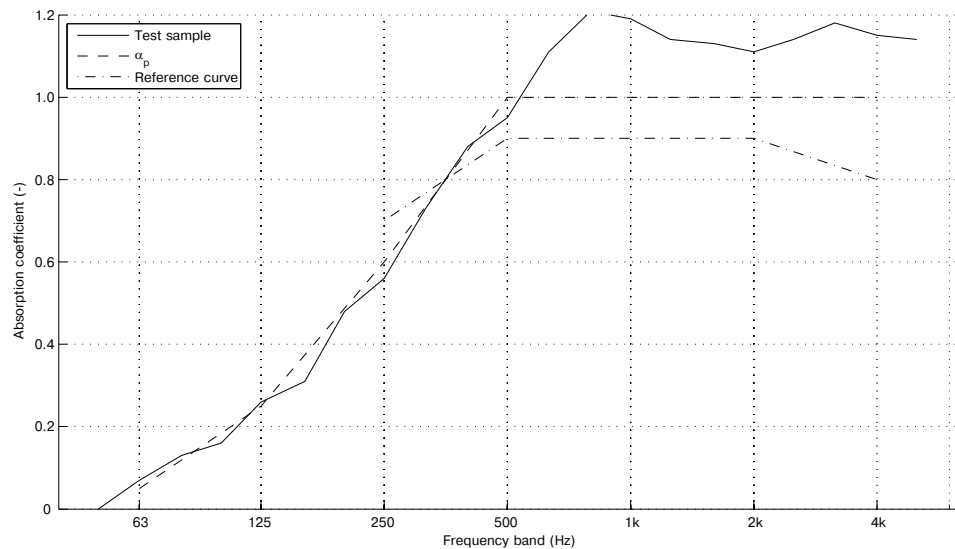
Ekous E-Wall panel have been tested under ISO 0354 and Swedish Standard SS 25269 using a full reverberation chamber test. An NRC (Noise Reduction Coefficients) of 0.90 means that 90% of the sound that hits the panel is absorbed. Increases in low frequency absorption can be achieved by adding air gap or by increasing the thickness of the panel .

Frequency f [Hz]	Sound absorption coefficient	
50	0.00	
63	0.07	0.05
80	0.13	
100	0.16	
125	0.26	0.25
160	0.31	
200	0.48	
250	0.56	0.60
315	0.73	
400	0.88	
500	0.95	1.00
630	1.11	
800	1.21	
1000	1.19	1.00
1250	1.14	
1600	1.13	
2000	1.11	1.00
2500	1.14	
3150	1.18	
4000	1.15	1.00
5000	1.14	

$\alpha_w = 0.90$
Absorption class = A

Product identification: Ekous with bass fill
 Description of test specimen: Ekous absorption coefficient with bass fill
 Mounted with 45 mm spacing from wall, open ends
 Surface 9,72 m², 27 pcs 0,6 m x 0,6 m

Reverberation room volume: 200M³
 Temperature: 18.3°C (empty: 21.2°C)
 Air humidity: 57% (empty: 48%)
 Air pressure: 98.3kPa (empty: 99.5kPa)
 Size of specimen: 9.72m²



STANDARD COLOR

