



Acoustic Treatment Pack



PYRAMID®

Diffusion Panel

This is an acoustic panel that combines diffusion and absorption features for the acoustic music industry. The ATP® PYRAMID® combines hemispherical acoustic diffusion and absorption and is the most balanced element of our catalogue. It was specifically designed to be applied on the continuous areas of walls and ceilings. This panel can be set on T-Ceilings or glued on walls and ceilings.

This design was based on a quadratic shape with flat absorption surfaces made of acoustic foam and on curved diffusion surfaces made of EPS which give it an aural and visual performance of superior balance.

STANDARD COLOUR

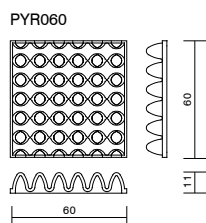
Features:

- Diffusion average: 0.45 / m² [> 100 Hz; < 5 KHz].
- NRC average: 0.75 / m² [> 250 Hz; < 10 KHz].
- EPS Euroclass fire-retardant (NP EN 13501-1).
- Self-extinguishable M1 fire-retard acoustic foam.
- Package: 4 units or 12 units.
- In stock for immediate delivery.
- T-ceilings ready applications.
- Very easy to install.
- Contact us for information on applications.

Package Data:

	PYR060			
	H	W	D	Kg
3 units/box	35 cm	64 cm	64 cm	3.4
9 units/box	104 cm	64 cm	64 cm	8.6

Technical Drawing:



Values:

Diffusion Coefficient																	
Hz	50	63	80	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k
αs	0.02	0.02	0.07	0.13	0.20	0.29	0.31	0.36	0.35	0.35	0.37	0.40	0.46	0.53	0.55	0.57	0.60
Hz	2.5k	3.15k	4k	5k	6.3k	8k	10k	Average									
αs	0.65	0.65	0.66	0.66	0.64	0.64	0.60	0.45									

These values were obtained by mathematical calculations and tests carried out in our laboratory. Non Standard values.

Absorption Coefficient																	
Hz	50	63	80	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k
αs	0.04	0.04	0.03	0.03	0.08	0.13	0.23	0.32	0.40	0.51	0.64	0.79	0.86	0.91	0.94	0.92	0.89
Hz	2.5k	3.15k	4k	5k	6.3k	8k	10k	NRC									
αs	0.77	0.80	0.81	0.81	0.82	0.82	0.75	0.75									

Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654. Non Standard values.

Model Sizes:

	H	W	D	Kg
PYR060	60 cm	60 cm	11 cm	0.5

Graphic:

