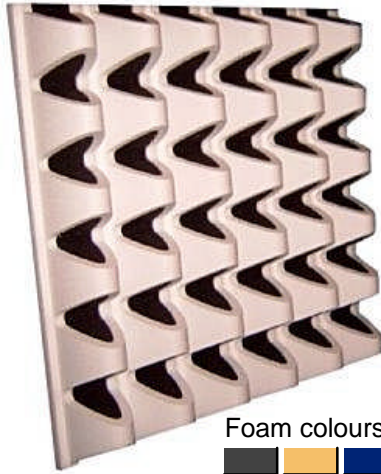




**Custom
Audio
Designs**

category	sound absorber/diffuser
description	pyramid®
part code	PYR060



Foam colours:



PYR060 PYRAMID® is an acoustic panel that combines simultaneous diffusion and absorption features for the audio and music industry.

The ATP® PYRAMID® is extremely finely balanced because of the combination of hemispherical acoustic diffusion and absorption

This design was based on a quadratic shape with flat absorption surfaces made of acoustic foam, with curved diffusion surfaces made of high density EPS which, unlike most other products on the market, is 80kg/m³ rather than the inferior, less effective, 30kg/m³.

Features

- NRC average: 0.75/m² [>100Hz; <10kHz]
- Average diffusion: 0.45/m² [>100Hz; <10kHz]
- Installation: glues included
- EPS Euroclass fire-retardant (NP EN 13501-1)
- Very easy to install
- Lightweight
- For wall and ceilings
- White with three foam insert options.
- Can be used in T-Grid ceilings
- $\alpha_w=0.60$ (MHH)
- Absorption Class C
- **Made from 100% recyclable EPS**

Technical data

Diffusion Coefficient

Hz	50	63	80	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k	3.15k	4k	5k	6.3k	8k	10k	Average [>100Hz; <5kHz]
aS	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	0.65	0.65	0.68	0.66	0.64	0.64	0.60	0.45

These values were obtained by mathematical calculations and tests carried out in the laboratory

■ Non standard values

Absorption Coefficient

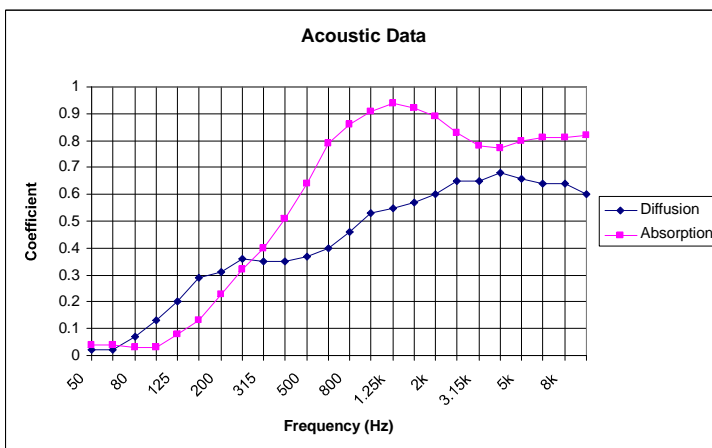
Hz	50	63	80	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k	3.15k	4k	5k	6.3k	8k	10k	Average [>100Hz; <5kHz]
aS	0.04	0.04	0.03	0.03	0.08	0.13	0.23	0.32	0.40	0.51	0.64	0.79	0.86	0.91	0.94	0.92	0.89	0.83	0.78	0.77	0.80	0.81	0.81	0.82	0.75

Values in accordance with the Standards: ISO 354, ASTM C423 and EN 11654

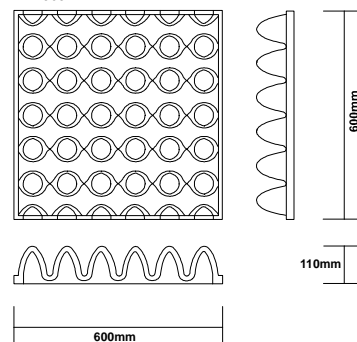
■ Non standard values

Model Sizes:

	Height	Width	Depth	Kg
PYR060	600cm	600cm	11cm	0.5



Technical Drawing: PYR060



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