



COSMOS®
ABSORBENT PANEL

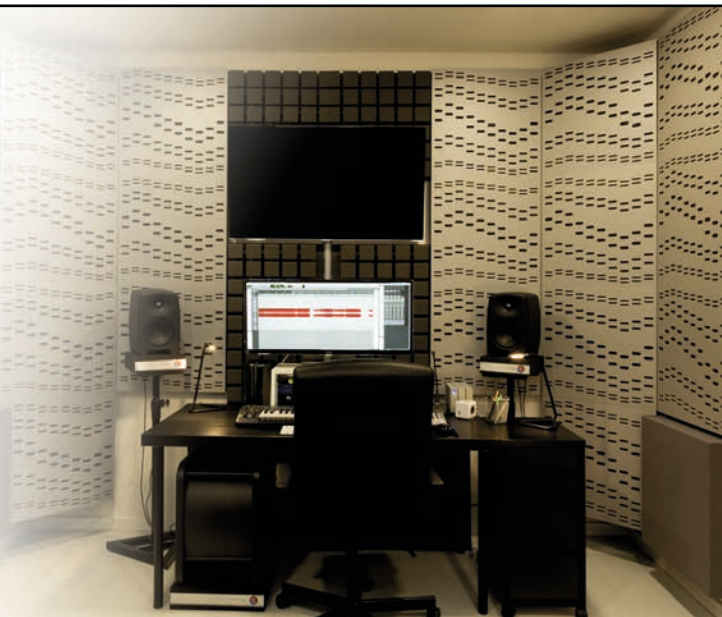


Image of 60x60cm model Ref.:COS060 (on the left) and Ref.:COS060 applied (ambient image).

DESCRIPTION

The COSMOS® is an acoustic panel with a set of four different aesthetics that meet all kinds of requirements. It is an acoustic solution for commercial areas, offices, public spaces, as well as audio and video studios.

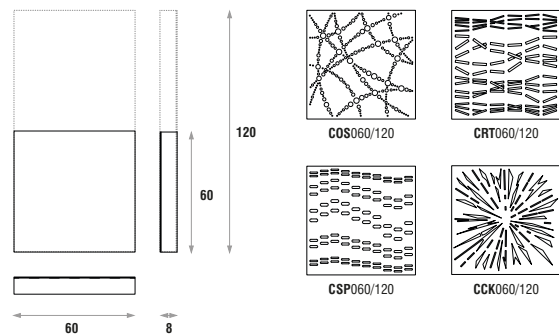
Acoustic designers usually favour this type of covering because it is efficient and has a refined finishing as well. These are inexpensive and very attractive proposals.

The 8cm thickness and the inside labyrinth provide COSMOS® with a high absorption coefficient.

This absorbent panel comprises the full spectrum of the human voice and is used to absorb slap and flutter echoes in the room, thus allowing a more pleasant and accurate listening environment.

This model proposes four different perforations and five synthetic-wood finishes, as well as a flexible design with coupling options for the several pieces, therefore enabling different and varied aesthetic combinations.

TECHNICAL DRAWINGS



FEATURES

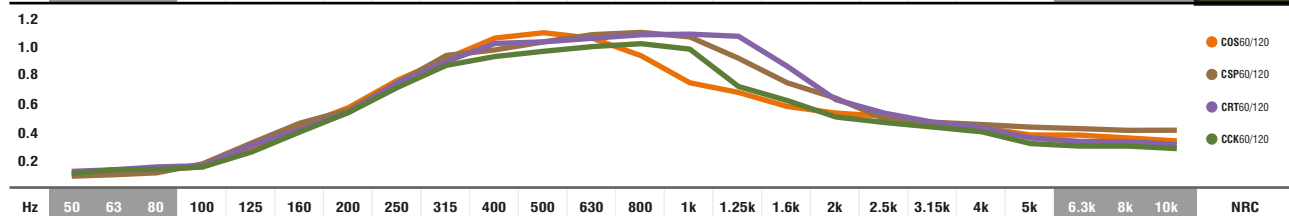
- Rigid melamine faced board framework on a HD EPS box.
- NRC: **0.79/m²**(COSMOS), **0.88/m²**(SP), **0.89/m²**(RT), **0.80/m²**(CK)[>250Hz;<1KHz].
- Fire-resistance: Melamine Faced Board - Euroclass B-s2,d0 (similar to old M1); EPS - Euroclass B-s3,d1 (similar to old M1).
- Very easy to install.

MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
COS120	120 cm	60 cm	8 cm	3.4 Kg
COS060	60 cm	60 cm	8 cm	1.7 Kg

ABSORPTION COEFFICIENT

αS	010	011	014	016	028	043	058	077	092	1.06	1.10	1.05	0.95	0.74	0.66	0.59	0.55	0.51	0.46	0.42	0.39	0.39	0.37	0.36	0.79
αS	0.09	0.10	0.12	0.19	0.31	0.44	0.57	0.76	0.93	0.98	1.04	1.09	1.12	1.08	0.92	0.77	0.63	0.48	0.47	0.45	0.44	0.43	0.42	0.42	0.88
αS	0.11	0.12	0.16	0.18	0.29	0.41	0.54	0.74	0.90	1.02	1.04	1.06	1.10	1.11	1.08	0.84	0.62	0.52	0.47	0.42	0.38	0.36	0.36	0.35	0.89
αS	0.10	0.11	0.15	0.16	0.26	0.40	0.54	0.73	0.87	0.93	0.97	1.00	1.01	0.98	0.73	0.61	0.52	0.47	0.43	0.41	0.34	0.33	0.33	0.32	0.80



● ● ● ● ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654. ■ Values [$<100\text{Hz}$ and $>5\text{K}$] are Non Standard Values.

MELAMINE FACED BOARD FINISHINGS



IMPORTANT NOTICES

- JOCAVI® accepts no responsibility for any printing errors. Specifications can be modified without prior notice, if technical or commercial reasons so require.
- The colours shown on this catalogue are only a reference and an illustration of the products finishing. The colours shown are not binding because brightness, contrast and colour balance may vary due to the printing process.
- Colours may vary due to raw-material suppliers' changes and some differences may occur in total range.
- Due to its natural origin, wood-based products will always present natural imperfections inherent to the organic nature. And for similar reasons, they will also present traces of old-age in the course of time.
- Wood and Fabric products are highly susceptible to change its appearance with humidity and temperature. Close attention must be paid to the storage conditions and the acclimatization before, during and after the installation.
- Typical Indoor Comfort Standards state a temperature range of 20°C - 27°C (68°F - 81°F), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI® products' range.
- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.