



IVORY®
DIFFUSION PANEL

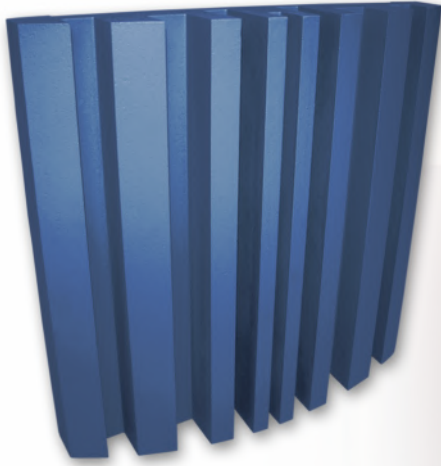


Image of 60x60cm model Ref.:IVO060.

DESCRIPTION

The IVORY® is a 2D controlled dispersion diffusion panel in a single coordinate. It is made of high-density EPS covered with a hardened layer. This design gives this product the intended acoustic diffusion properties. It is therefore one more option within the range of diffusers presented by ATP®.

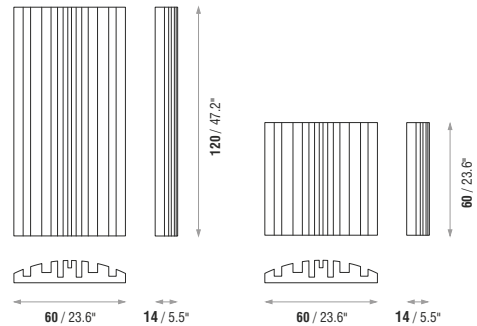
Its convex external geometry with seven longitudinal incisions provides a decorative effect and attractive combinations with the absorption panel EBONY®.

The use of this extremely dynamic panel is crucial to control early reflections and other reflections from walls, thus improving control of sound diffusion in the room.

Due to its shape, with deep recesses, this product also has an interesting related absorption coefficient.

This acoustic panel is installed on walls and ceilings. Its low weight makes its installation on ceilings quite practical.

TECHNICAL DRAWINGS



FEATURES

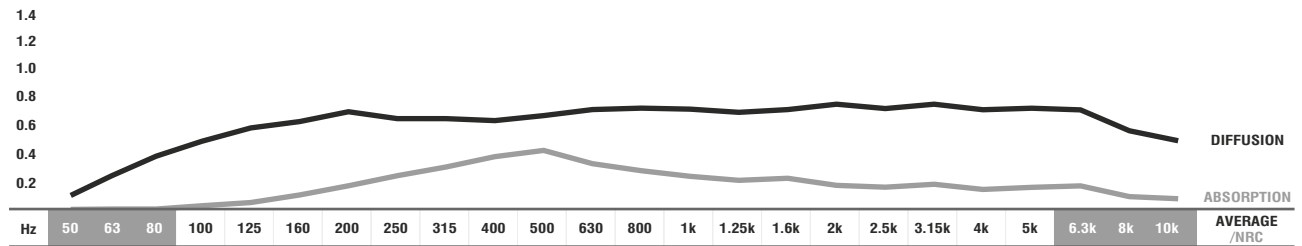
- Manufactured with High-density EPS.
- Average diffusion: **0.67/m²** [$>100\text{Hz}; <5\text{KHz}$].
- NRC: **0.27/m²** [$>250\text{Hz}; <10\text{KHz}$].
- Fire resistance: Euroclass B-s3,d1 (similar to old M1).
- Finished with an ecological paint.
- 100% recyclable.

MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
IVO120	120 cm (47.2 in)	60 cm (23.6 in)	14 cm (5.5 in)	4.8 Kg (10.58 lbs)
IVO060	60 cm (23.6 in)	60 cm (23.6 in)	14 cm (5.5 in)	2.4 Kg (5.29 lbs)

DIFFUSION - ABSORPTION COEFFICIENT

	0.10	0.25	0.39	0.49	0.58	0.61	0.68	0.64	0.64	0.63	0.65	0.71	0.72	0.70	0.68	0.69	0.73	0.72	0.74	0.71	0.72	0.69	0.55	0.49	0.67
α_S	0.00	0.00	0.00	0.02	0.05	0.11	0.19	0.25	0.33	0.39	0.41	0.36	0.29	0.24	0.21	0.23	0.19	0.17	0.19	0.15	0.17	0.19	0.11	0.08	0.27



■ 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.

■ DIFFUSION COEFFICIENT: These values were obtained by mathematical calculations and tests carried out in our laboratory.

STANDARD EPS RAL COLOURS



IMPORTANT NOTICES

- JOCAVI® accepts no responsibility for any printing errors. Specifications can be modified without prior notice, if technical or commercial reasons so require.
- RAL® is an international independent colour standard system partner for industry, trade, architecture and design. Should be consulted before placing any order.
- 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 tonal range.
- 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.
- Sizes may vary slightly (+/-3mm) due to their production method and some inherent raw-materials characteristics.

