



RIPPLE®
DIFFUSION PANEL



Image of 60x60cm model Ref.:RPL060.

DESCRIPTION

The RIPPLE® was especially designed to have both absorption and diffusion features, balancing these two assets perfectly. It has a great diffusion pattern as well as very interesting and particular absorption characteristics.

The RIPPLE® is an essential product when you require a magnificent and controlled high-frequency sound, adding at the same time some absorption to the mid-range of the sound spectrum.

The RIPPLE® enables us to create uniform surfaces with a single model that softly absorbs the sound waves while maintaining the vivacity of the musical instruments' harmonics, which is very important for live and recording mixing techniques.

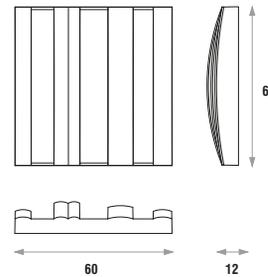
Thus, if you are looking for a superb sound in a room, without compromising absorption, you will certainly reach the required acoustics with this product, by adding a few pieces of low-frequencies bass traps as well.

The most suitable application areas for this product are: music studio rooms, piano and acoustic instruments rooms, live rooms in general, auditoriums, theatres as well as all the spaces that need specific care on sound intelligibility.

FEATURES

- Manufactured with ABS and high-quality fabric.
- Average diffusion: **0.59/m²** [$>100\text{Hz}$; $<5\text{KHz}$].
- NRC: **0.39/m²**.
- Fire-resistance: VO - UL94 standards (similar to M2).
- Recyclable.
- Installation: accessories included.
- Several colours available..

TECHNICAL DRAWINGS

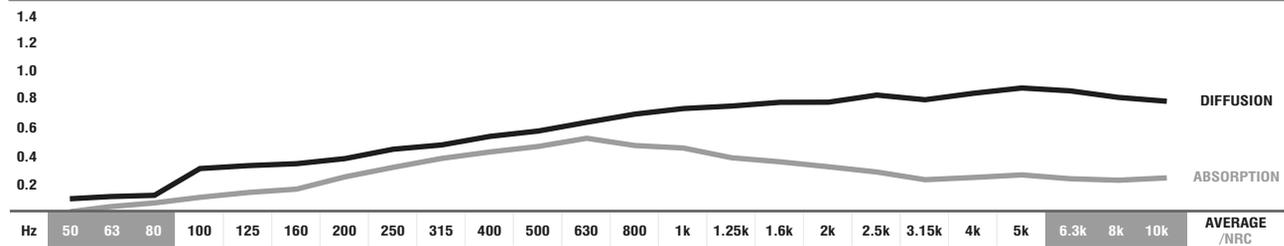


MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
RPL060	60 cm	60 cm	12 cm	4.5 Kg

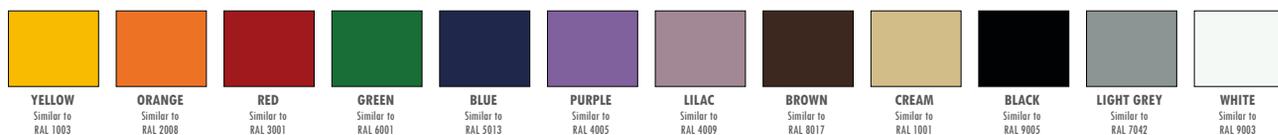
DIFFUSION - ABSORPTION COEFFICIENT

	0.10	0.11	0.12	0.31	0.34	0.35	0.37	0.44	0.47	0.54	0.58	0.61	0.68	0.73	0.74	0.77	0.77	0.81	0.79	0.82	0.85	0.83	0.80	0.78	0.59
α_S	0.00	0.03	0.05	0.11	0.14	0.18	0.24	0.33	0.38	0.42	0.46	0.53	0.46	0.44	0.39	0.37	0.33	0.28	0.23	0.25	0.26	0.24	0.23	0.24	0.39



■ 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 ABS 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 due to their production method and some inherent raw-materials characteristics.

