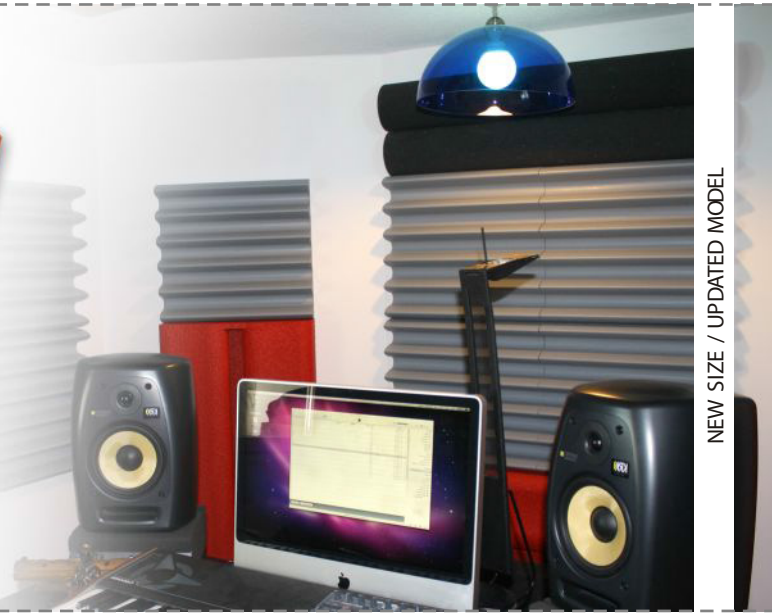




**REFLEX®**  
DIFFUSION PANEL



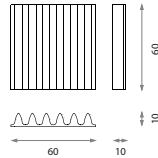
NEW SIZE / UPDATED MODEL

Image of 60x60cm model Ref.:RFL060 (on the left) and Ref.:RFL060 applied (ambient image).

## DESCRIPTION

The REFLEX® represents another option on acoustic diffusers, thus allowing different aesthetic and performance possibilities. It is made of high-quality 100% recyclable ecologic EPS raw material. It is used on side or back walls to blend the direct and early reflected sound, thus increasing speech intelligibility and enhancing musical clarity. This diffusion panel offers optimal shape and more omnidirectional scattering diffusion than traditional, non-optimised panels do. It is a very good cost-effective choice for a 2D sound diffuser.

## TECHNICAL DRAWINGS



## FEATURES

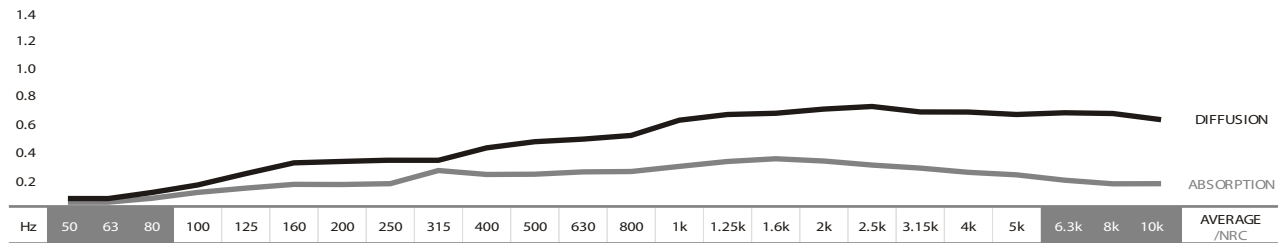
- Average diffusion: 0.50/m<sup>2</sup> [ $>100\text{Hz}; <5\text{KHz}$ ].
- NRC: 0.26/m<sup>2</sup> [ $>100\text{Hz}; <5\text{KHz}$ ].
- EPS Fire Reaction: Euroclass E (NP EN 13501-1).
- Package: 5 units or 16 units.
- Very easy to install.
- Other colours available upon consultation.

## MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
RFL060	60 cm	60 cm	10 cm	0.8 Kg

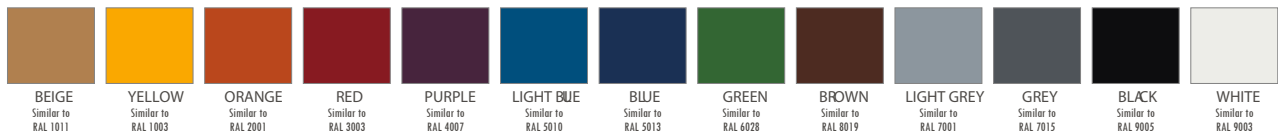
## DIFFUSION - ABSORPTION COEFFICIENT

	0.05	0.05	0.09	0.17	0.26	0.33	0.34	0.36	0.36	0.41	0.46	0.48	0.50	0.61	0.66	0.67	0.70	0.71	0.68	0.68	0.66	0.67	0.66	0.61	0.50
αS	0.02	0.02	0.07	0.12	0.15	0.17	0.17	0.18	0.27	0.25	0.25	0.27	0.28	0.30	0.34	0.36	0.35	0.31	0.30	0.25	0.23	0.20	0.18	0.18	0.26



- ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654.
- 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 due to their production method and some inherent raw-materials characteristics.

