



# DYNAMICFLOW<sup>®</sup>

DIFFUSION PANEL



Image of 60x60cm model Ref.:DYN060.

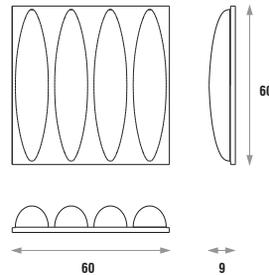
## DESCRIPTION

JOCAVI<sup>®</sup> has developed this acoustic diffusion panel by using non-linear convex shapes, based on a set of three ellipses which were later altered and optimised in order to achieve an oval shape with better angular diffusion coverage.

The external raw material of this panel was selected out of some materials that have the fastest and most specific properties required for a diffuser with these characteristics. However, the ABS still has some advantages, namely UV protection, impact resistance and fire resistance M2.

The DYNAMICFLOW<sup>®</sup>'s interior is composed of a substance made of impregnated mineral fibres and textiles, which gives this product a specific mass and also contributes to its consistence. The back part consists of an even surface. Its shape adjusts to even surfaces. It can be used on "T" profile false ceilings or on walls, by using our glues or fastening materials.

## TECHNICAL DRAWINGS



## FEATURES

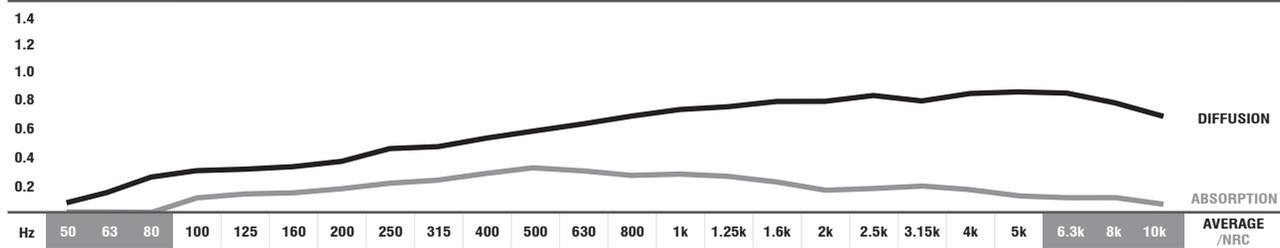
- Manufactured with ABS.
- Average diffusion: **0.61/m<sup>2</sup>** [ $>100\text{Hz}$ ;  $<5\text{KHz}$ ].
- Fire-resistance: VO - UL94 standards (similar to M2).
- 100% recyclable.
- Installation: accessories included.

## MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
DYN060	60 cm	60 cm	9 cm	4.3 Kg

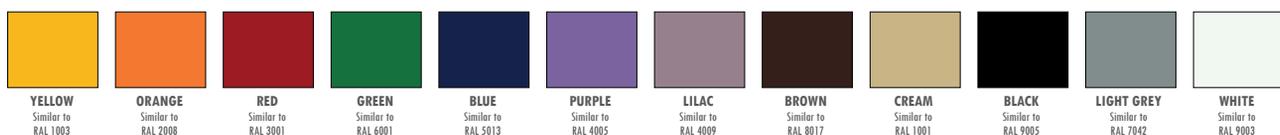
## DIFFUSION - ABSORPTION COEFFICIENT

	0.07	0.15	0.26	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	0.83	0.83	0.79	0.68	0.61
$\alpha_S$	0.00	0.00	0.00	0.11	0.14	0.16	0.19	0.21	0.24	0.28	0.32	0.30	0.27	0.28	0.26	0.22	0.17	0.19	0.20	0.18	0.14	0.11	0.11	0.06	0.20



■ 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<sup>®</sup> accepts no responsibility for any printing errors. Specifications can be modified without prior notice, if technical or commercial reasons so require.
- RAL<sup>®</sup> 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<sup>®</sup> products' range.
- Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.

