



# SQUARYDIFFUSOR®

DIFFUSION PANEL



Image of 60x60cm model Ref.:SQA060.

## DESCRIPTION

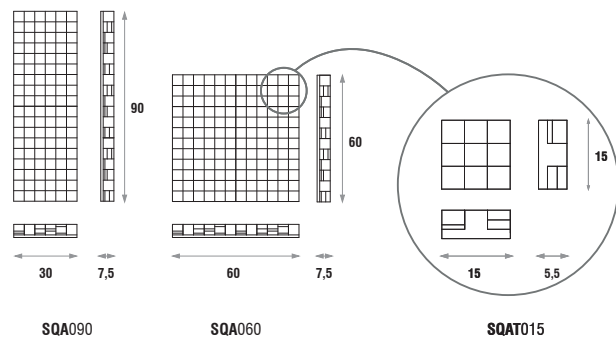
The SQUARYDIFFUSOR® is a diffusion panel that has a higher balance between diffusion/absorption. It is a 2D quadratic diffuser with five slightly uneven gradients. The SQUARYDIFFUSOR® is made of low-density clay paste.

Due to its quadratic shape and the raw material it uses, its diffusion and absorption features are well balanced for a diffusion panel.

The SQUARYDIFFUSOR® enables quite good control of acoustics by fragmenting the reflected energy, while the absorption factor is not too high, therefore quite recommended for installation in small-sized rooms, by making the acoustics of those spaces quite homogeneous.

This product is also available in individual tiles mainly proposed for big diffusion surfaces, with continuous coating (see more SQT15); it's an ideal product to the construction market.

## TECHNICAL DRAWINGS



## FEATURES

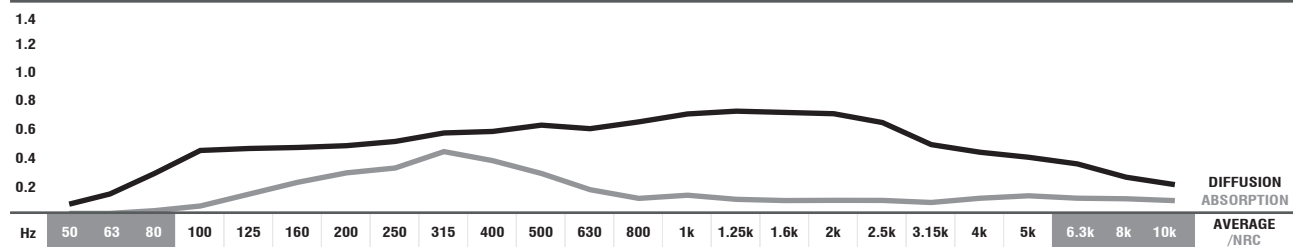
- Manufactured with ceramic.
- Average diffusion:  $0.57/m^2$  [ $>100Hz$ ;  $<5KHz$ ].
- Fire-resistance: Euroclass A1 (similar to old M0).
- 100% recyclable.
- Installation: accessories included.

## MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
SQA090	90 cm	30 cm	7,5 cm	11.6 Kg
SQA060	60 cm	60 cm	7,5 cm	15.4 Kg
SQT15	15 cm	15 cm	5,5 cm	0.6 Kg

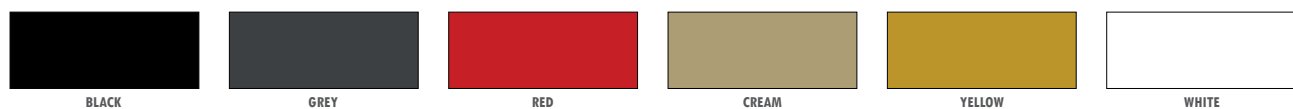
## DIFFUSION - ABSORPTION COEFFICIENT

	0.05	0.16	0.31	0.45	0.46	0.48	0.49	0.53	0.56	0.59	0.61	0.60	0.64	0.69	0.73	0.71	0.70	0.66	0.51	0.44	0.40	0.36	0.28	0.21	0.57
$\alpha_S$	0.00	0.00	0.01	0.06	0.15	0.23	0.31	0.37	0.44	0.38	0.30	0.19	0.13	0.14	0.09	0.08	0.08	0.08	0.07	0.10	0.14	0.11	0.09	0.08	0.22



■ ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654. ■ Values [ $<100Hz$  and  $>5K$ ] are Non Standard Values.  
 ■ DIFFUSION COEFFICIENT: These values were obtained by mathematical calculations and tests carried out in our laboratory.

## STANDARD CERAMIC 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.
- 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.
- Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.