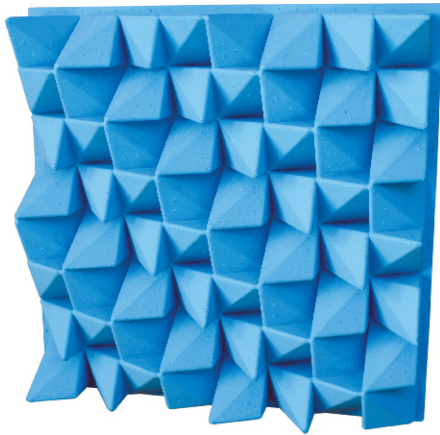




## CORALREEF<sup>®</sup>

Diffusion Panel



The Coralreef<sup>®</sup> is a 3D controlled-dispersion acoustic diffusion panel. It is made of high-density polystyrene and its finishing membrane provides it with the intended acoustic qualities.

Its angular appearance gives dynamics to any space and provides a decorative effect and attractive combinations.

This acoustic panel is installed on ceilings and walls. Its low weight makes it the ideal product for use on false ceilings, on its own or alternated with flat modules when refinement and quality are required.

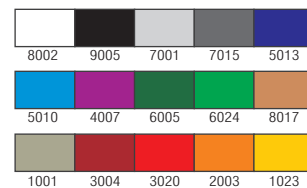
The calculation basis was the theoretical numerical sequence ratio of the primitive root, thus providing excellent results of sound diffusion in all directions. The depth factor is logarithmically varied, and it is, therefore, a three-dimension omnidirectional reflection panel.

Due to its quite sinuous shape with deep recesses, as well as the raw material it is made of, this product also has a considerable associated absorption coefficient.

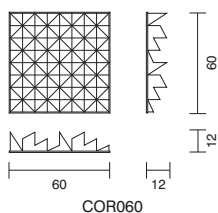
### Features:

- Manufactured in High-Density EPS.
- Average diffusion: 0.68/m<sup>2</sup> [ $>100\text{Hz}; <5\text{KHz}$ ].
- Made with an ecological paint.
- Fire-resistance: M2.
- 100% recyclable.
- Package: 3 and 6 units.
- Installation: accessories included.

### Standard RAL Colours:



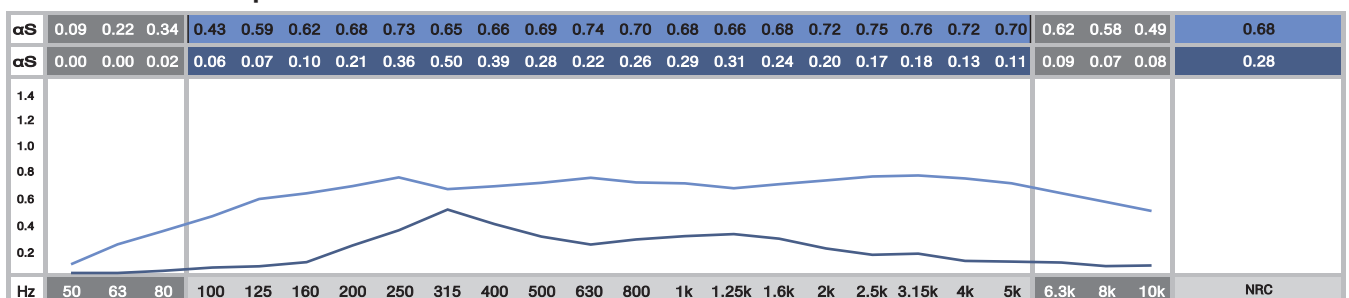
### Technical Drawing:



### Models:

	H	W	D	Kg
COR060	60 cm	60 cm	12 cm	1.9

### ■ Diffusion / ■ Absorption Coefficient:



— 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.

■ Values [ $<100\text{Hz}$  and  $>5\text{K}$ ] are Non Standard Values.