



# Acoustic Treatment Pack



## CUBEFUSER®

Diffusion Panel

The CUBEFUSER® acoustic panel is one of the least expensive diffusers of our brand. It is cubic shaped and is made of high quality 100% recyclable ecologic EPS raw material.

This model can be combined with the CUBESORB®; as a result, two different acoustic areas keep maintaining the same shape.

The CUBEFUSER® offers associate absorption, because the uniformly protruding cubes make the sound to enter directly into the concavities. This diffuser offers uniform unidirectional diffusion and provides an attractive design to ceilings and walls.

It is a cost-effective diffusion panel as an alternative to other more expensive diffusers.



### Features:

- Diffusion average: 0.50 / m2 [ > 100 Hz; < 5 KHz].
- NRC average: 0.34 / m2 [ > 100 Hz; < 5 KHz].
- Great decorative alternatives.
- EPS Euroclass fire-retardant (NP EN 13501-1).
- Package: 6 units or 12 units.
- In stock for immediate delivery.
- Very easy to install.
- Contact us for information on applications.

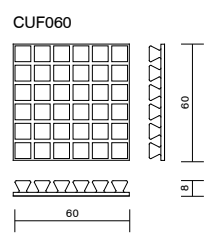


### Package Data:

	CUF060			
	H	W	D	Kg
4 units/box	35 cm	64 cm	64 cm	4
12 units/box	104 cm	64 cm	64 cm	10.2



### Technical Drawing:



### Values:

*Diffusion Coefficient*

Hz	50	63	80	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k	3.15k	4k	5k	6.3k	8k	10k	Average [>100Hz;<5KHz]
αS	0.04	0.04	0.09	0.16	0.25	0.32	0.34	0.36	0.39	0.40	0.44	0.49	0.55	0.63	0.67	0.66	0.68	0.65	0.65	0.68	0.70	0.71	0.70	0.70	0.50

These values were obtained by mathematical calculations and tests carried out in our laboratory. ■ Non Standard values.

*Absorption Coefficient*

Hz	50	63	80	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k	3.15k	4k	5k	6.3k	8k	10k	NRC [>100Hz;<5KHz]
αS	0.05	0.06	0.08	0.14	0.22	0.28	0.33	0.44	0.49	0.48	0.48	0.47	0.46	0.46	0.49	0.53	0.55	0.60	0.63	0.70	0.77	0.80	0.83	0.82	0.47

■ Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654. ■ Non Standard values.



### Model Sizes:

	H	W	D	Kg
CUF060	60 cm	60 cm	8 cm	0.5



### Graphic:

