



Acoustic Treatment Pack



REFLEX®

Diffusion Panel

The REFLEX® represents another option in 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-optimized panels do. It is a very good cost-effective choice for a 2D sound diffuser



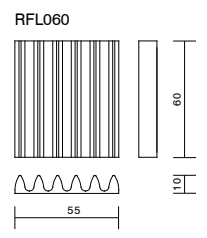
Features:

- Diffusion average: 0.50 / m2 [> 100 Hz; < 5 KHz].
- NRC average: 0.26 / m2 [> 100 Hz; < 5 KHz].
- EPS Euroclass fire-retardant (NP EN 13501-1).
- Package: 4 units or 10 units.
- In stock for immediate delivery.
- Very easy to install.
- Contact us for information on applications.

Package Data:

	RFL060			
	H	W	D	Kg
5 units/box	35 cm	64 cm	64 cm	6.4
16 units/box	104 cm	64 cm	64 cm	17.8

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	0.05	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

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	0.02	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

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

Model Sizes:

	H	W	D	Kg
RFL060	60 cm	55 cm	10 cm	0.8

Graphic:

