

JOCAVI® is presenting new design proposals which are not as common to diffusion products. This has been done on the basis of the positive aspects of the complex structure diffusers and the tasks carried out in the diffusion field, to the detriment of the usual numerical sequences that are used to build diffusers. When a diffuser has a complex structure, as opposed to the identical or backward repetitions, it adopts algorithms that originate a series of N elements, thus causing an optimal musical characteristic.

Numerical structure diffusers scatter the sound effectively but have some inherent associated absorption. This model is meant to be an acoustic diffuser with the best scattering features possible coupled with the lowest absorption coefficient.

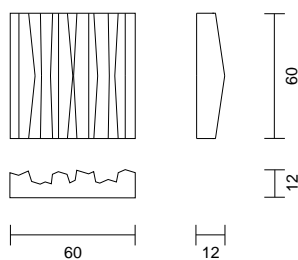
Thus, Tuneflector® has been conceived as a sound wave diffuser for walls and ceilings of audition rooms and musical performance rooms.

This new model has abrupt joints with planes that lean on each other, which are always different, but do not cause big concavities or parallelisms. Design was an ever present concern in the manufacture of this product, in order not to make it unwanted due to its shape, regardless of its obvious use. The result is a product with strong aesthetics, considered adorable by some and somewhat aggressive by others.

MODEL SIZES

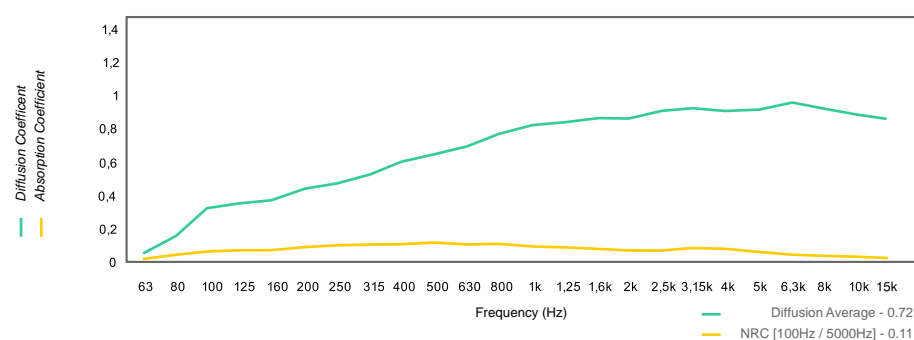
	H	W	D	Kg
TNF060	60 cm	60 cm	12 cm	2.3

TECHNICAL DRAWING



TNF060

GRAPHIC



VALUES

															Diffusion Coefficient							
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	15k
0.16	0.34	0.38	0.39	0.44	0.49	0.52	0.60	0.64	0.68	0.76	0.81	0.82	0.86	0.86	0.90	0.93	0.91	0.92	0.96	0.93	0.91	0.89

These values were obtained by mathematical calculations and tests carried out in our laboratory

															Absorption Coefficient							
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	15k
0.02	0.08	0.09	0.09	0.10	0.12	0.13	0.14	0.15	0.14	0.14	0.13	0.11	0.10	0.09	0.08	0.09	0.08	0.07	0.05	0.04	0.03	0.01

— Values in accordance with the Standards: EN 20354, ASTM C423 and EN 11654.

Non Standard values.