



TUNEFLECTOR®

DIFFUSION PANEL

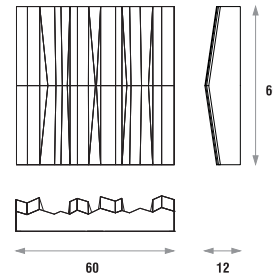


Image of 60x60cm model Ref.:TNF060.

DESCRIPTION

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

TECHNICAL DRAWINGS



FEATURES

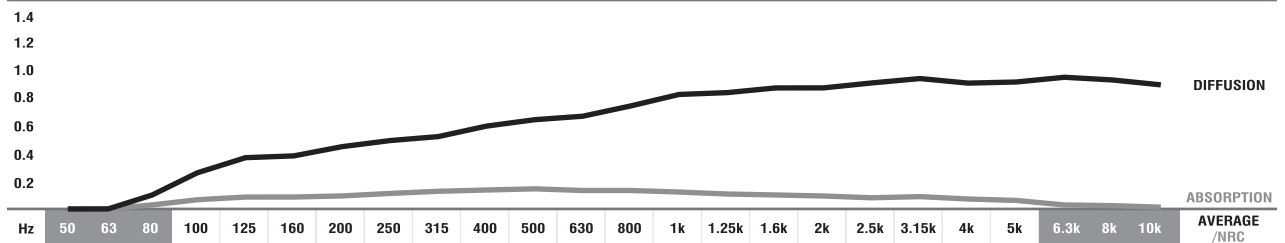
- Manufactured with ABS.
- Average diffusion: **0.68/m²** [$>100\text{Hz}; <5\text{KHz}$].
- Fire-resistance: M1.
- 100% recyclable.
- Package: 2 units.
- Installation: accessories included.

MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
TNF060	60 cm	60 cm	12 cm	4.1 Kg

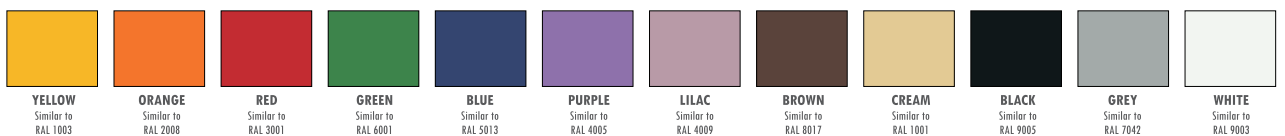
DIFFUSION - ABSORPTION COEFFICIENT

	0.00	0.00	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	0.68
α_S	0.00	0.00	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	0.12



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

STANDARD ABS 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.
- RAL® is an international independent colour standard system partner for industry, trade, architecture and design. Should be consulted before placing any order.
- 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.
- Typical Indoor Comfort Standards state a temperature range of 20°C - 27°C (68°F - 81°F), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI® products' range.
- Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.

