



Custom Audio Designs

category	diffuser
description	Reflex®
part code	RFL060



Available colours:



RFL060 REFLEX® This cost-effective acoustic diffuser is highly versatile, offering more omnidirectional scattering diffusion than traditional non-optimised panels

It is made of high density EPS which, unlike most other products on the market, is 80kg/m³ rather than the inferior, less effective, 30kg/m³.

The product can be easily mounted on walls and ceilings due to its low weight.

Features

- NRC average: 0.26/m² [>100Hz; <5kHz]
- Average diffusion 0.50/m² [>100Hz; <5kHz]
- Installation: glues included
- EPS Euroclass fire-retardant (NP EN 13501-1)
- Very easy to install
- Lightweight
- For wall and ceilings
- **Made from 100% recyclable EPS**



Technical data

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]
aS	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 the laboratory

■ Non standard values

Absorption Coefficient

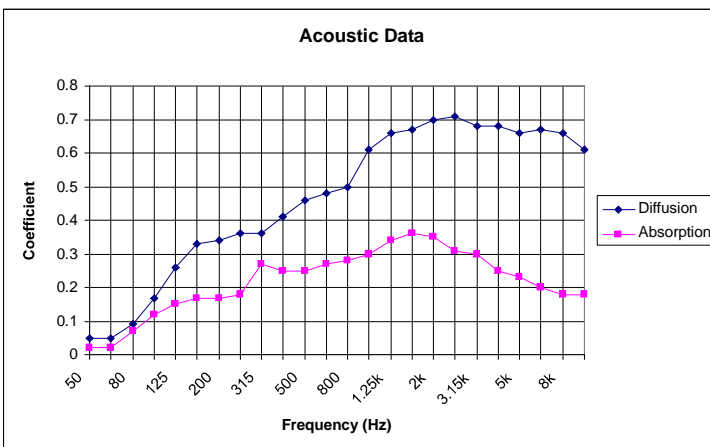
Hz	50	63	80	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k	3.15k	4k	5k	6.3k	8k	10k	Average [>100Hz; <5kHz]
aS	0.02	0.02	0.07	0.12	0.15	0.17	0.17	0.18	0.27	0.25	0.25	0.27	0.28	0.30	0.34	0.36	0.35	0.31	0.30	0.25	0.23	0.20	0.18	0.18	0.26

Values in accordance with the Standards: ISO 354, ASTM C423 and EN 11654

■ Non standard values

Model Sizes:

	Height	Width	Depth	Kg
RFL060	60cm	55cm	10cm	0.8



**Technical Drawing:
RFL060**

