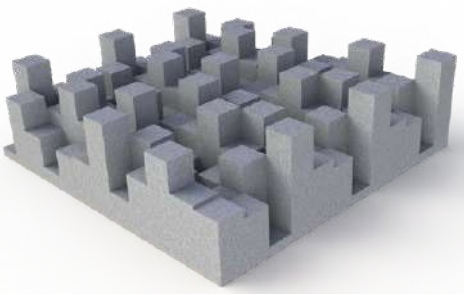
ALPHAcoustic - City

Sound Diffusers

TYPICAL APPLICATIONS

Sound diffusers **ALPHA*coustic*** **City** offer an excellent method to resolve complex acoustic problems in spaces with flutter echo and giving a sense of spaciousness, without over-deadening the space.

- Auditoriums
- Recording Studios
- Home Theaters
- TV and Radio Broadcasting
- Swimming pools
- Worship Places



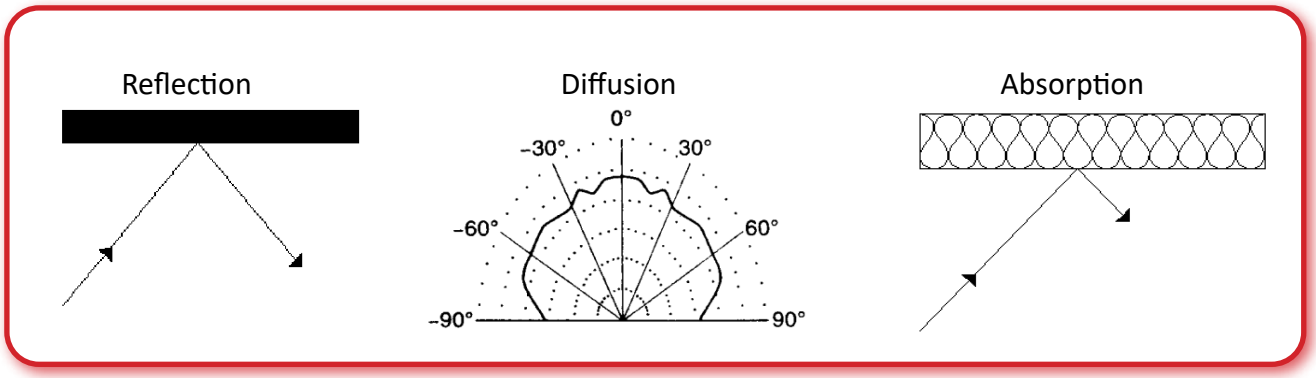
City

TECHNICAL CHARACTERISTICS

Specially designed Acoustic Diffusers **ALPHA*coustic*** **City** contribute in conserving sound energy and also help spread it around to achieve even uniform distribution of sounds in the room.

- Dimensions: 55 x 55 cm Max height: 16 cm
- Standard finishing: Anthracite or White (can be painted in any color).
- Material: High density expanded Polystyrene (EPS) with flame-retardant additives
  OR Graphite polystyrene (GPS) foam type NEOPOR®
- Installation: Easy installation on the roof or in walls using water base glou and mechanical fixing. It could be also installed in false-ceiling's standard metal profile (60x60cm) with additional flat plate 59x59cm. Please consider that a min distance of 40cm from the ceiling is required.

Frequency (Hz)	*125*	*250*	*500*	*1000*	*2000*	*4000*
Absorption Coefficient (as)	0.07	0.30	0.22	0.25	0.17	0.10
Diffusion Coefficient	0.65	0.69	0.70	0.65	0.73	0.71



*Design and Production according to Quality Management System **ISO 9001.2008** & Environmental Management System **ISO 14001.2004***

ALPHA ACOUSTIKI

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