



ALPHA SONIC SOUND ABSORPTION PERFORATED PANELS

ALPHA SONIC made by SONIC, S.A. is durable abuse resistant high sound absorbing perforated steel faced composite ceiling and wall panel. ALPHA SONIC is designed to reduce the distracting echo/reverberation effects caused inside buildings and thus create an acoustically softer more pleasant ambiance improving voice and audio communication.

ALPHA SONIC panels are manufactured using a perforated steel case, enveloping an acoustic absorbent core making them ideal for high traffic areas such as corridors in schools or other demanding applications. Due to their rigid construction, ALPHA SONIC panels are also ideally suited for sports halls and gymnasiums where softer panels may be susceptible to impact damage. As ALPHA SONIC panels are easy to clean due to their perforated steel cases, they are also ideal for industrial applications where panels need to be cleaned easily such as factories or food preparation facilities.

ALPHA SONIC panels have standard finishes of galvanized steel and polyester powder coat (PPC). Other finishes, such as vinyl coated steel are also available on request

Features and Benefits

The main features and benefits of **ALPHA SONIC** sound absorption modules include:

- Abuse, stain and scratch resistant
- Designer finishes
- Modular flexibility
- Tamper and concealment resistant
- Reverberation control
- Easy to install
- Noise reduction
- Wall or ceiling mounted





Typical Applications

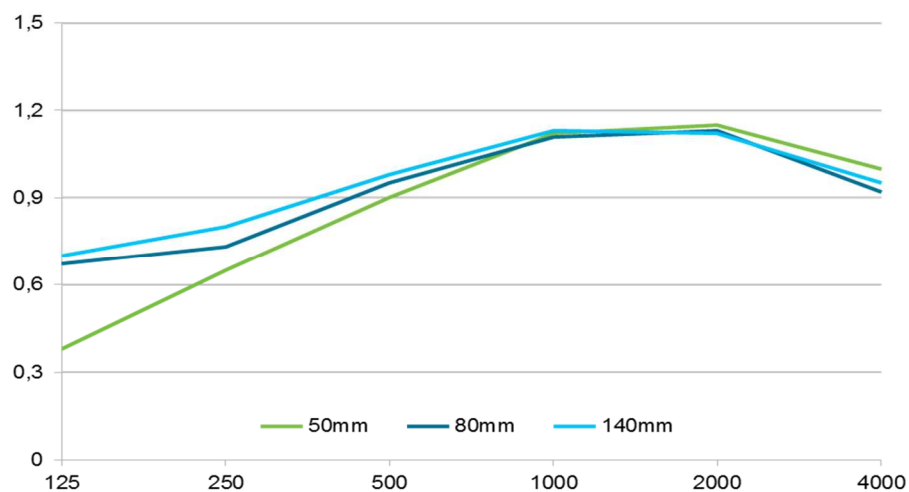
ALPHA SONIC Perforated sound absorptive panels are ideal for:

- Airports
- Bottling plants
- Gymnasiums, Houses of worship
- Jails and prisons
- Swimming pools, Test facilities
- Auditoriums
- Exhibition and Conference Centres
- Restaurants, Schools
- Music Practice Rooms
- Theatres and Concert Halls

Composition

Manufactured from powder coated perforated steel, galvanized steel, or stainless steel, faced with acoustically absorptive material medium/ density – 50 mm thickness. Material shall be with laminated non-woven glass fibre fabric to provide protection. Highly bio-degradable, no health risk; moisture-repellent; rot-proof impregnation and non-flammable.

- Fire class – A1
- Sound absorption coefficients



$\alpha_w = 1,00$ (EN ISO 11654:1995)





Standard codes explained

ALPHA SONIC-GV

Galvanized perforated metal sheet



ALPHA SONIC-MD

Expanded metal



ALPHA SONIC-LQ

Powder coated perforated steel

