Airborne Sound Absorption



Acusticell SB

Applications

The product is used for high performance temperature and fire resistance applications.

Industry

Factory machinery, fans, mills, printing and timber handling equipment, electric generating sets, generators, engines.

Transport and contracting

Scooters, Contractor's and Gardening Machinery.

Health care and large-scale kitchens

Vacuum Cleaners.

Office

Computers, Printers.

Method of use

The parts are cut or stamped to the required shape and carefully pressed on to a surface that must be free from oil, dirt, and dust.

Product characteristics

Acusticell SB is a sound absorbing material of foamed melamin plastic with open cells.

The material can be bent and is self-adhesive.

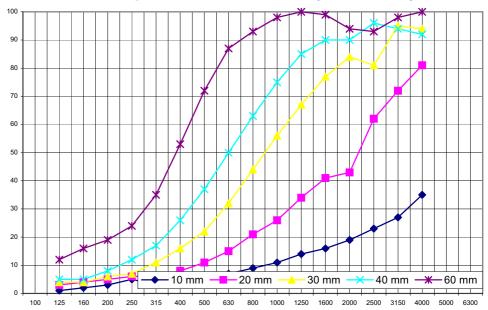
Can be combined with a mat for structure-borne sound damping and airborne sound insulation.

Advantages

- ☐ Good absorption
- □ Very high resistance to temperature
- □ Fire proof



Absorption Coefficient, % (ISO 10534)



Frequency, Hz, Third Octave Bands

Technical data

Sound absorption See diagram

Resistance to

temperature -40°C to $+200^{\circ}\text{C}$

Fire class The foam is certified

according to UL94V-0

Coefficient of

thermal

conductivity $\lambda = 0.036 \text{ W/m}^{\circ}\text{C}$

Adhesive's tear

strength

Adhesive stronger than the foam cohesion.

tile ioa

Colour White foam

Thickness 10 and 15 mm(other

thickness can be supplied on request)

Density Approx 23 kg/m³

Delivery format 1500x1200 mm

(other sizes and shapes can be supplied on

request)

Experiences

The shaping and positioning of the material is of major importance to achieve an optimal sound-dampening effect.

SONTECH has long experience of practical noise control projects in a wide range of industrial fields. These experiences can be a valuable addition to the laboratory data given in the datasheet.

SONTECH can also assist with advice and sound measurements for noise control and in the manufacture of customised material sets.

Designation system

Acusticell AC

Thickness in mm 10 or 15 mm

Fire class

UL94V-0 SB

Example of order

code AC15 SB



Sontech NoiceControl- Odecon Sweden AB SE 196 37 Kungsängen Energivägen 6 Tel +46 8-445 50 60 Fax +46 8-38 47 99 mail@sontech.se www.sontech.se