



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.

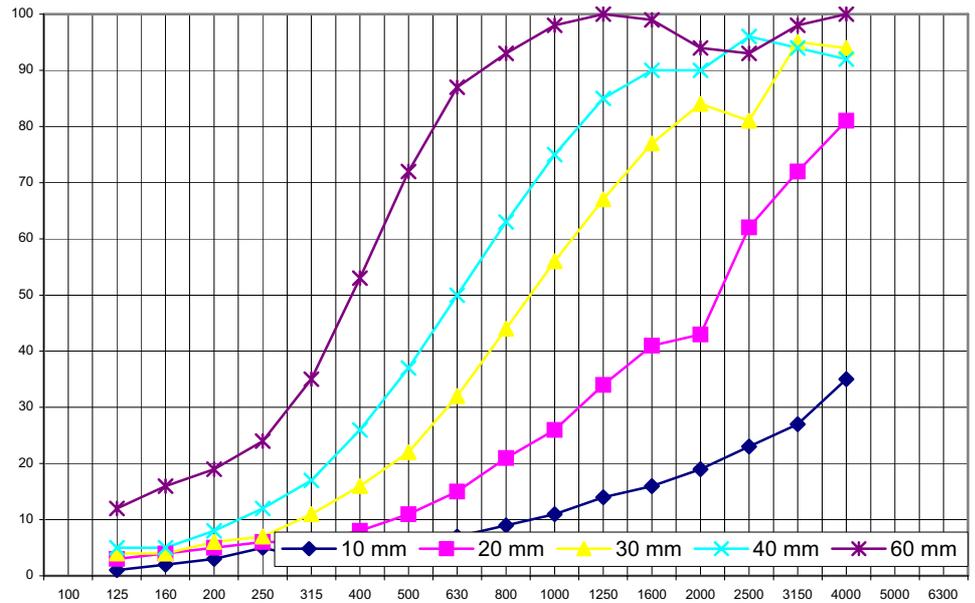
The material can be bent and is self-adhesive.

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°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.
Colour	White foam
Thickness	10 and 15 mm (other thickness can be supplied on request)
Density	Approx 23 kg/m ³
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

Acousticcell	AC
Thickness in mm	10 or 15 mm
Fire class	UL94V-0
	SB
Example of order code	AC15 SB

