



Acusticab SA

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, Dish Washers.

Office

Computers, Printers.

Construction

Elevators, Engine Rooms, Walls, Doors, Sound Studios.

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

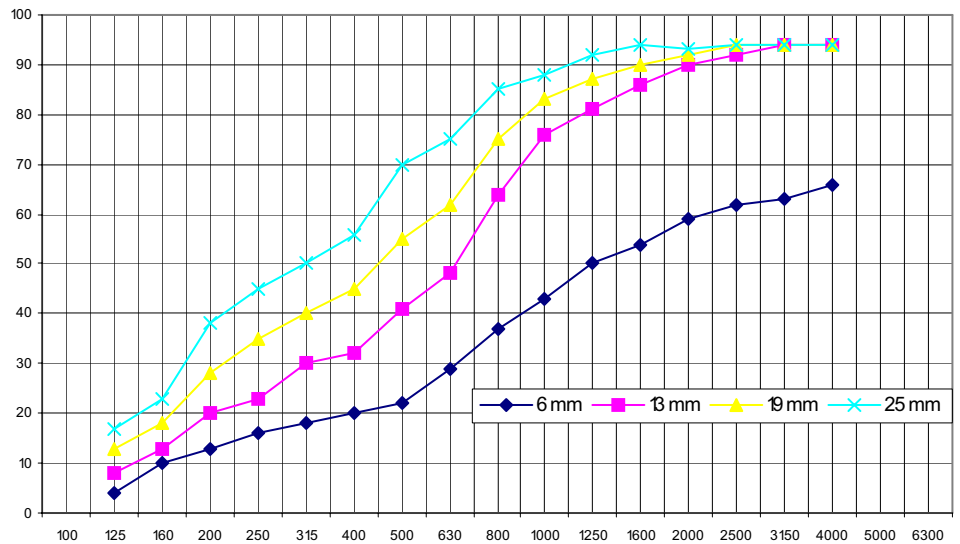
Acusticab SA is a sound absorbing material of foamed polyurethane with open cells. The product is based on Acusticell SA but its surface is embossed and covered with an elastic film of urethane. The material can be bent and is self-adhesive.

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

Advantages

- Embossed and treated surface increases the absorption 20-35%
- Aesthetically attractive surface
- Film is resistant to petrol and most chemicals
- Elastic and Resistant to mechanical wear
- Repels liquids and moisture
- Easy to wash
- Fire proof

Absorption Coefficient, % (ISO 10534)



Frequency, Hz, Third Octave Bands

Technical data

Sound absorption	See diagram
Resistance to temperature	-40°C to + 140°C
Fire class	Certified according to UL94HF-1
Coefficient of thermal conductivity	$\lambda = 0,036 \text{ W/m}^\circ\text{C}$
Adhesive's tear strength	Ca 15 N/cm test width
Colour	Black surface film, grey foam.
Environment	Freon and PVC free
Thickness	6, 13, 19 eller 25 mm (other thickness can be supplied on request)
Surface film thickness	25 μm
Density	Approx 33 kg/m ³
Delivery format	1000x1400 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

Acusticab	CAB
Thickness in mm	6, 13, 19 or 25
Fire class	UL94HF1
SA	SA
Surface foil colour	Black
Example of order code	CAB13SA

