



Acusticell S TE

Applications

Industry

Crane Cabins.

Transport and contracting

Cabins for boats, vehicles, scooters and contractor's machinery.

Office

Walls, Office Screens and Furniture.

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 S TE is a sound absorbing material of foamed polyurethane with open cells.

The product is based on Acusticell S but its surface is covered with a velour textile. 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
- ❑ Aesthetically attractive surface
- ❑ High sense of comfort
- ❑ UV resistant textile
- ❑ Dirt repellent and Easily Cleaned
- ❑ Difficult to ignite

Working on new measurement

Technical data

Sound absorption	See diagram
Resistance to temperature	-40°C to + 120°C
Fire Class	FMVSS 302
Coefficient of thermal conductivity	$\lambda = 0,036 \text{ W/m}^\circ\text{C}$
Adhesive's tear strength	Ca 15 N/cm test width
Resistance to light	UV resistant
Colour	Grey
Thickness	10, 15 or 20 mm (other thickness can be supplied on request)
Environment	Freon and PVC free
Density	Approx 28 kg/m ³
Delivery format	1000x1500 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	10,15 or 20
Fire Class	
FMVSS 302	S
Example of order code	AC20S TE

