



Acusticell S NF

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 NF is a sound absorbing material of foamed polyurethane with open cells and a strong needle felted surface. 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
- ❑ Resistant to mechanical wear
- ❑ Dirt repellent and Easily Cleaned
- ❑ Difficult to ignite

Working on new measurement

Technical data

Sound absorption	See diagram
Resistance to temperature	-40°C to + 90°C
Fire Class	FMVSS 302 ISO 3759 < 70mm
Coefficient of thermal conductivity	$\lambda = 0,036 \text{ W/m}^\circ\text{C}$
Adhesive's tear strength	Ca 15 N/cm test width
Resistance of light	UV resistant
Colour Textile	Grey
Thickness foam	10, 15 or 20 mm (other thickness can be supplied on request)
Thickness needle felt	Approx 3 mm
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

Formning och placering av materialet har stor betydelse för att uppnå optimal ljuddämpande effekt.

SONTECH har lång erfarenhet från praktiska ljudsaneringsprojekt i en mångfald industribranscher. Dessa erfarenheter kan bli en värdefull komplettering till de laboratoriedata som redovisas i detta produktblad.

SONTECH kan även bistå med råd och ljudmätningar vid ljudsanering samt med konfektion av färdiga materialsatser.

Designation system

Acusticell	AC
Thickness in mm	10,20 or 30
Needle felt	NF
Fire Class FMVSS 302	S
Example of order code	AC20S NF

