

We make rooms quieter

Sound conditioning solutions from soniflex



Overview

ROOM ACOUSTICS



Our acoustic fleece nonwoven fabric

Our nonwoven products are fully recyclable and consist of **up to 60% recycled fibers**, mostly from PET bottles. A colored felt surface is then laminated onto these nonwovens.

Advantages at a glance:

- **Excellent sound absorption capacity**
- **Mineral fiber-free and physiologically harmless, no formaldehyde emissions**
- **Excellent fire resistance**
- **High durability and dimensional stability**
- **High resistance to ageing**



Mounting options

Simple attachment:

- **soni SPIRALS**
- **soni RING HANGER**
- **soni VELCRO tape**
- **soni SPECIAL ADHESIVE**
- **soni MOUNTING PINS**

Mechanical fixation:

- **soni FIXING SET**



soni COLOR - Wall absorbers

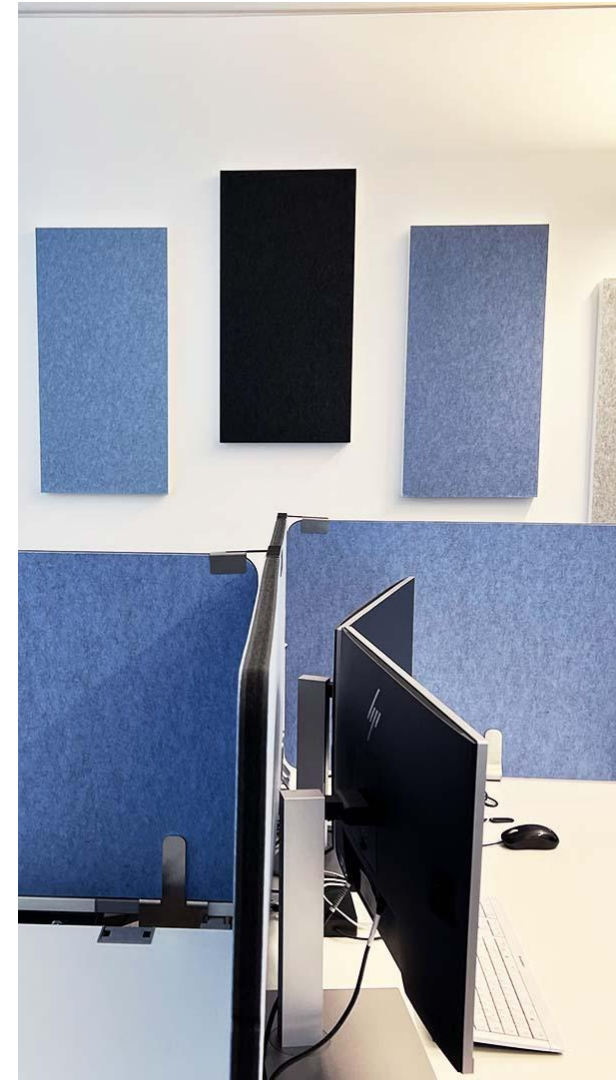
Our soni COLOR sound absorber consists of a white polyester non-woven that is laminated with a subtly marbled felt cover layer available in 8 attractive trend colors. The decorative acoustic panels visually enhance any room and ensure pleasant acoustic conditions.

soni COLOR panels are available in the dimensions 1000 x 500 mm. The material can be glued directly to the wall or fixed with the help of Velcro strips.



- **DIN EN 13501-1: C-S2, do***
- **DIN EN 13501-1: B-S1, do**

*glued on plaster board with soni SPECIAL ADHESIVE, or fixed with soni VELCRO TAPE



soni COLOR RD

Ceiling and wall absorbers

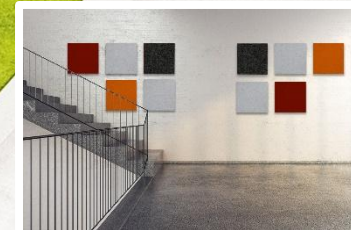
Our soni COLOR RD sound absorber panels consist of a white polyester non-woven that is laminated with a subtly marbled felt cover layer available in attractive trend colors. The decorative acoustic squares provide effective sound conditioning of your rooms.

Thanks to their standard dimensions of 620 x 620 mm, the soni COLOR RD tiles can be effortlessly inserted into existing standard grid ceilings or Odenwald-system ceilings (OWA).



- **DIN EN 13501DIN EN 13501-1: C-S2, do***
- **DIN EN 13501-1: B-S1, do**

*glued on plaster board with soni SPECIAL ADHESIVE, or fixed with soni VELCRO TAPE



soni COLOR Design - Ceiling elements

soni COLOR Design tiles consist of a thermally compressed polyester non-woven with a sculpted 3D surface, covered with a thin felt layer available in your choice of 8 trendy colors.

Our soni COLOR Design tiles (618 x 618 mm) are available in YinYang and Wave design. The tiles are perfect for convenient insertion into existing standard grid ceilings or Odenwald-system ceilings (OWA), adding a true interior-design highlight to your interior space.



- **DIN EN 13501-1: B-S1, do**
- **ISO 3795, burning rate < 100 mm/min**



soni COMFORT SD

Wall and ceiling absorbers

The square acoustic tiles (620 x 620 mm) have been designed for convenient insertion into suspended standard grid ceilings or Odenwald-system ceilings (OWA). Thermal compaction provides the face side with a smooth and visually attractive surface texture.

soni COMFORT SD acoustic tiles effectively reduce reverberation and contribute to improving the acoustic conditions in offices, conference rooms, waiting areas and other types of interior spaces. Also for schools, day-care centers, kindergartens or large halls, soni COMFORT SD is an effective noise-control solution that considerably improves the ambient quality of any room.



DIN EN 13501: B-S1-d0



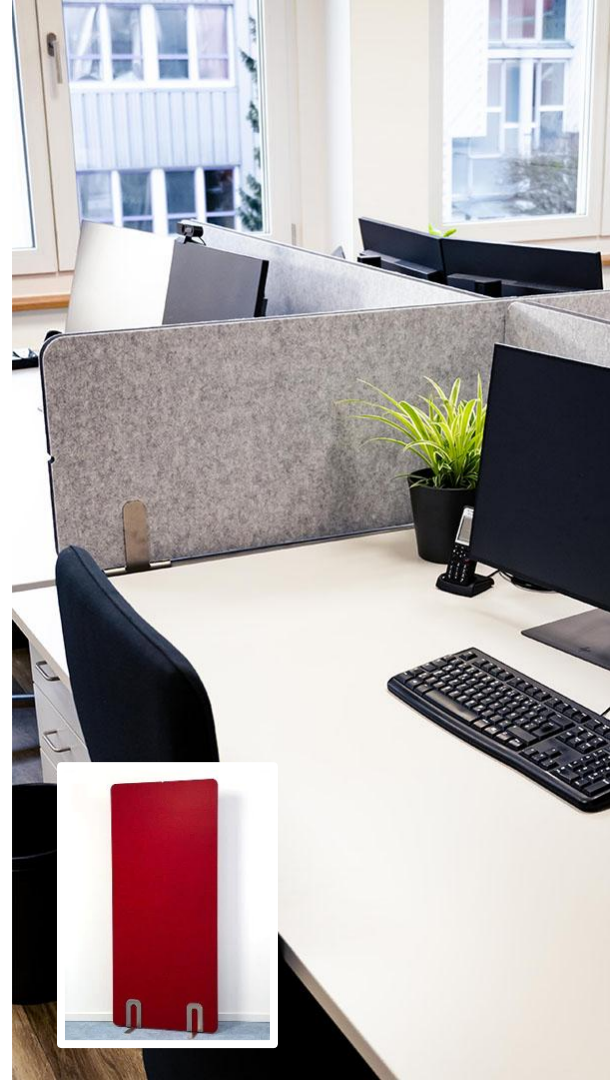
soni ROOM DIVIDERS, soni DESK PARTITIONS

Our soni ROOM DIVIDERS and DESK PARTITIONS are sound absorbers of a very special kind, because in addition to delivering effective sound conditioning, they provide increased privacy for your employees.

The core of our soni ROOM DIVIDER and soni DESK PARTITION is a soft non-woven panel, reinforced on both sides by a layer of compacted polyester non-woven. The visible surfaces are covered with a decorative high-quality and dirt-resistant felt layer. The rounded upper corners make for a modern, attractive appearance.



- **FMVSS 302, DIN 75 200**
- **ISO 3795, burning rate < 100 mm/min**



soni PICTURE - Wall absorbers

soni PICTURE soundproofing picture consists of a sound absorber made from melamine foam, which is placed in a wooden frame and covered with the print.

The print is visible on the edges for an attractive appearance.

Thanks to this ideal combination, soni PICTURE not only helps improve the acoustic conditions in your rooms, but also adds a personal and highly attractive element to the interior design of your space.



- **DIN 4102, tested according B1 (melamine foam flame-resistant)**
- **ISO 3795, burning rate < 100 mm/min**



soni ELEMENT - Wall absorbers

soni ELEMENT is a range of charming acoustic elements for effective noise absorption and sound-conditioning. The acoustic elements consist of a white polyester non-woven, optionally laminated with a decorative felt cover layer in 8 modern trend colors.

The use of soni ELEMENT reduces the noise level and increases speech intelligibility in interior spaces, ensuring a much quieter and hence more pleasant ambiance, especially in day-care centers, kindergartens, schools, cafeterias and similar.



- **DIN EN 13 501-1: C-S2, do (Colour variants)**
- **DIN 4102, tested according B1 (flame-resistant) (white)**



soni CIRCLE / HEXAGON

soni HEXAGON are acoustic wall elements for improving room acoustics. Available in two different thicknesses (30 and 50 mm). This allows interesting three-dimensional and color-varying patterns to be created on the wall.

soni CIRCLE are circular acoustic elements that are available in two different sizes.

Installing soni CIRCLE or HEXAGON increases speech intelligibility in rooms, for example in lounges, corridors, nurseries, restaurants or offices.



➤ **DIN EN 13 501-1: C-S2, do***

*glued on plaster board with soni SPECIAL ADHESIVE, or fixed with soni VELCRO TAPE



soni CUBE – Seating cubes and ceiling absorbers

Our soni CUBE seating cubes are sound absorbers of a special kind, because in addition to the acoustic optimization of interior spaces, they offer excellent seating comfort.

The core of the cubes consists of a highly effective acoustic absorber. The outer shell is made from a dirt-resistant, abrasion-proof and flame-retardant felt material available in the latest trend colors. If you like, you can insert a metal spiral into one of the corners and suspend your soni CUBE from the ceiling using a rope or hook – an easy and effective installation method.



- **DIN EN 13 501-1 (Details on request)**
- **DIN 4102, tested according B1 (flame-resistant)**



soni PORTA - Door absorbers

Our soni PORTA kit consists of six precision-fit elements that form an striking pattern and are directly glued to the door so that they achieve an optimum sound-insulating and sound-damping effect. The shadow joints add depth to the attractive pattern, which makes any door into a decorative highlight of interior design.

Thanks to our unique, newly developed self-adhesive solution, you can remove soni PORTA again completely without leaving any residue, if necessary, for instance when moving out.



- **FMVSS 302, DIN 75 200**
- **ISO 3795, burning rate < 100 mm/min**



soni PYRAMIDE

Wall and ceiling absorbers

Our pyramid-profiled soni PYRAMIDE foam material is a highly efficient noise-control product made from open-cell melamine foam (Basotect®). soni PYRAMIDE scores with exceptional sound-absorption properties and a visually very attractive surface pattern.

soni PYRAMIDE meets the fire safety requirements for the construction sector. Hence the product is an excellent noise-control solution wherever you need to reduce the sound level with materials that meet strict fire safety regulations.



- **DIN 4102, tested according B1 (flame-resistant)**
- **DIN EN 13501-1: C-S2-d0**



A close-up photograph showing a person's hand holding a white, triangular piece of material against a dark, textured surface. The background is a light-colored, textured wall. The hand is wearing a grey ribbed sleeve.

Overview

TECHNICAL NOISE CONTROL

Noise protection for workshops and production halls

Permanent noise pollution makes it more difficult to concentrate at work and also increases the risk of accidents. For this reason, among others, workplace guidelines and the applicable noise protection regulations demand that the noise level at the workplace be reduced as far as possible.

Our acoustic products, such as soni WAVE, help ensure a quiet, motivating and safe working atmosphere. The robust PUR foam is dirt-resistant and scores with excellent absorption properties.



- **FMVSS 302, DIN 75 200**
- **ISO 3795, burning rate < 100 mm/min**



Perfect sound insulation for machines and installations

Any machine, whether large or small, will generate noise. This noise level can be very bothersome. To reduce the noise emission of a machine, we recommend enclosing it in a noise-protection casing - ideally at a distance of about 30 cm from the actual noise source.

Our robust PUR foams soni WAVE and soni 471 are the perfect materials for such an enclosure. For machines located outdoors, soni RESIST is the best choice. This weather-resistant PE foam has both sound-insulation and sound-absorption properties.



- **FMVSS 302, DIN 75 200**
- **ISO 3795, burning rate < 100 mm/min**



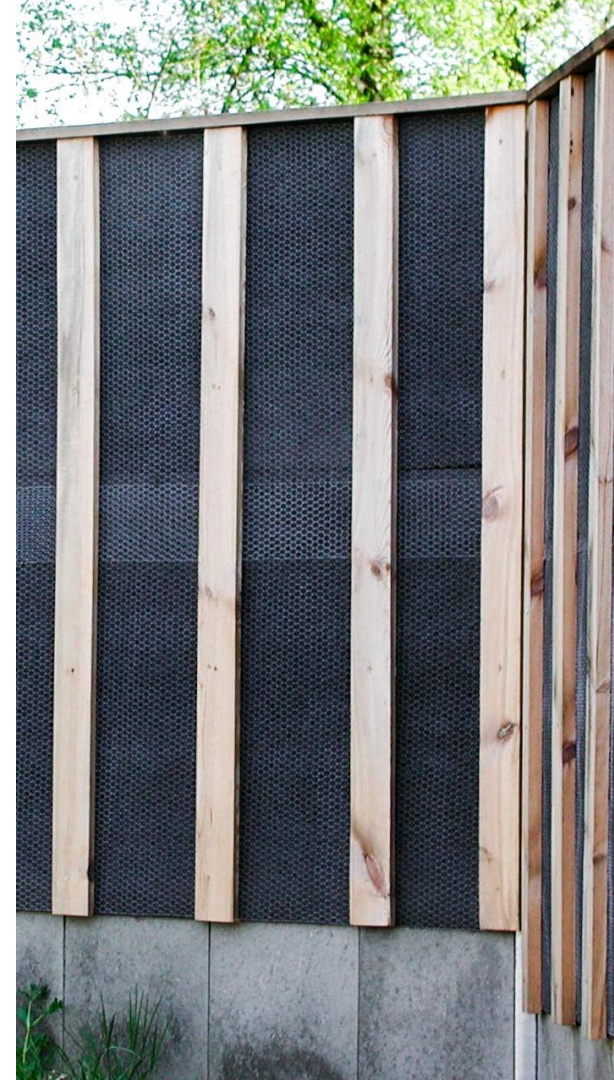
Sound insulation in outdoor areas

Heat pumps, swimming pools, road noise, loud neighbours and other factors can quickly become a nuisance, meaning that even in the best weather, those affected no longer enjoy spending time outdoors.

One solution is soni RESIST UV in 25 and 50 mm thicknesses. It is ideal for use as a noise barrier between neighbours, as an enclosure for a heat pump and much more.



- **FMVSS 302, DIN 75 200**
- **ISO 3795, burning rate < 100 mm/min**





Many thanks for your attention, we look forward to a good cooperation.

Factories

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