



## ACOUSTIC NONWOVEN

When it comes to architectural solutions for perforated ceilings, walls and furniture, the things that matter most are appearance, performance and cost effectiveness. In order to offer a great product, you need all of them.

Soundtex is a thin acoustic nonwoven that is applied to the back of perforated structures to absorb sound. The material offers a number of economic and environmental advantages over competitive solutions. Our acoustical nonwoven is applied behind perforated elements made of steel, aluminium, wood or plasterboard.

Freudenberg Performance Materials developed a wide range of nonwovens to meet the acoustic requirements for each application in modern architectural design.

Soundtex is used extensively in applications where acoustical performance and building aesthetics are required. Typical examples include airports, office buildings, municipal halls, theatres, convention centers, subway stations, partitions and furniture in offices all over the world.

### KEY BENEFITS

- Optimal sound absorption in all environments.
- Thin material, thickness approx. 0.27mm - great savings on freight, storage and installation costs.
- Customized rolls and sheets available worldwide.
- Increased thermal transfer for acoustic panels containing integrated heating and/or cooling system due to the thin absorber of Soundtex.
- Enhanced flexibility in building HVAC designs.
- Easy to apply on perforated elements like ceilings, walls or furniture etc.
- Tested in accordance with all major international standards.

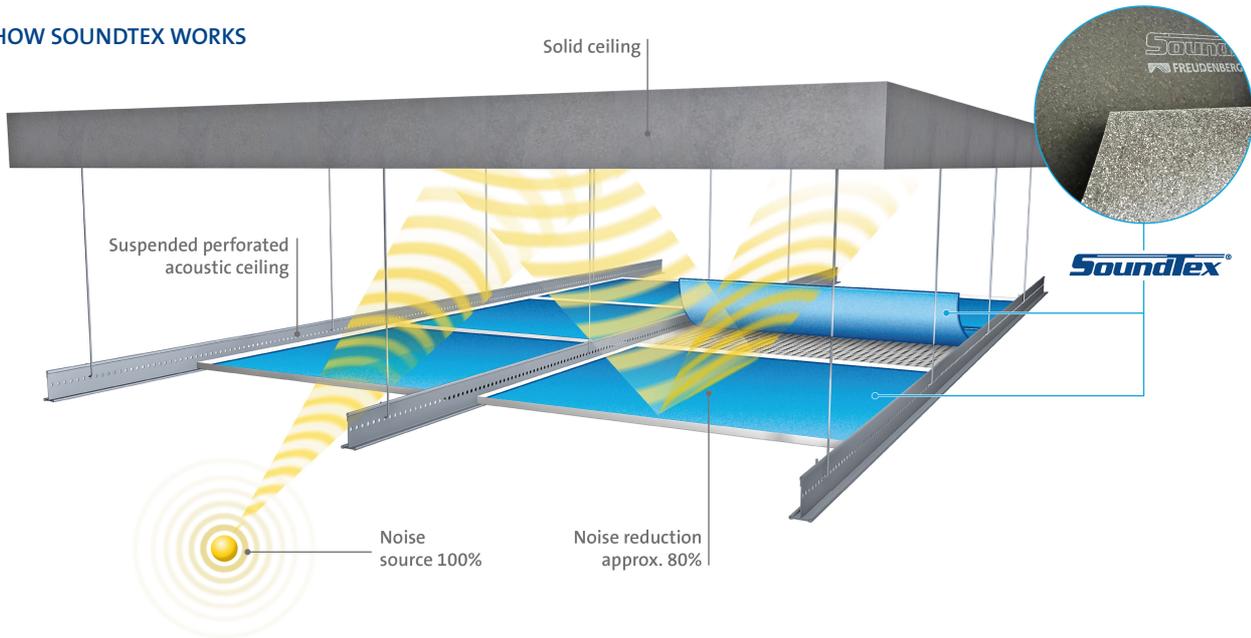
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PERFORMANCE MATERIALS

# SOUNDTEX INCREASES DESIGN OPTIONS

Acoustic nonwovens are lightweight, air permeable, and do not interfere with certain ventilation processes. These features give architects and designers greater flexibility in panel shapes, contours and placement of air inlets and vents. Freudenberg Performance Materials also offers acoustic nonwovens with various optical features for interior construction.

## HOW SOUNDTEX WORKS



## VERSATILE APPLICATIONS



Metal ceiling,  
airport,  
India



Wooden  
ceiling,  
sports arena,  
USA

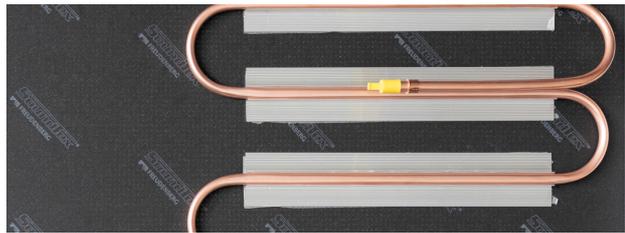


Metal ceiling,  
office,  
Luxembourg



Plasterboard  
ceiling,  
library,  
Spain

## Soundtex integrated in cooling and/or heating system



## International Airport References (Selection)

- Hong Kong International Airport, China
- Incheon International Airport Seoul, South Korea
- Tan Son Nhat Airport, Vietnam
- International Airport Frankfurt Terminal 2, Germany
- Dubai International Airport, UAE
- Doha International Airport, Qatar
- Delhi International Airport, India
- Linate International Airport Milano, Italy
- International Airport Madrid, Spain
- Arlanda International Airport Stockholm, Sweden
- International Airport Copenhagen, Denmark
- John F. Kennedy Airport New York, USA
- Calgary International Airport Alberta, Canada



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