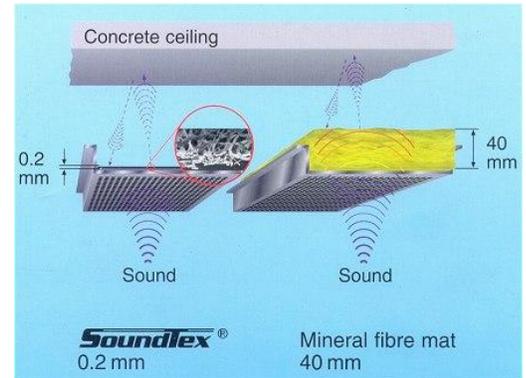


Acoustic Environment

SOUNDTEX®

SOUNDTEX® is an innovative acoustical insulation – a non-woven fabric that can be used in lieu of traditional acoustical materials where concerns about airborne glass fibers or space constraints exist.

SOUNDTEX® is ideal for suspended grid ceilings. The grid work is hung at a calculated distance from the structural ceiling, and perforated metal or wood panels replace the typical mineral fiber panels. To broaden the absorption range, each perforated panel can be backed with **SOUNDTEX®**, essentially a paper thin air filter. **SOUNDTEX®** provides an increased resistance to airflow which dissipates sound energy by converting it into heat.



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Features:

- Reduces reverberation
- Hot melt adhesive backing for easy installation with heat gun or iron, fabric can be tacked across studs for slotted wood ceiling installations.
- 2' x 2' sheets are convenient to install; also available in small and large rolls for larger areas.
- Available in Black or *White (longer lead time)*
- Variety of sizes, and custom options available

Applications:

- Wood or Metal slotted Ceilings
- Residential
- Commercial
- Home theatres
- TV/ Media rooms
- Reverberant spaces

Technical Properties:

Fiber	cellulose / glass
Binder system	synthetic resin
Structure of non-woven	random
Weight	63 g/m ²
Thickness	0.27 mm
Sound impedance	190 Ns/m. ³

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Acoustical Properties:

	Absorption Coefficient Per Octave Band (Hz)						NRC
	125	250	500	1000	2000	4000	
20% open area, 1.8 mm. diameter holes	0.7	0.93	0.61	0.72	0.82	0.79	.75
16% open area, 2.5 mm. diameter holes	0.82	0.89	0.75	0.77	.081	0.89	.80

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