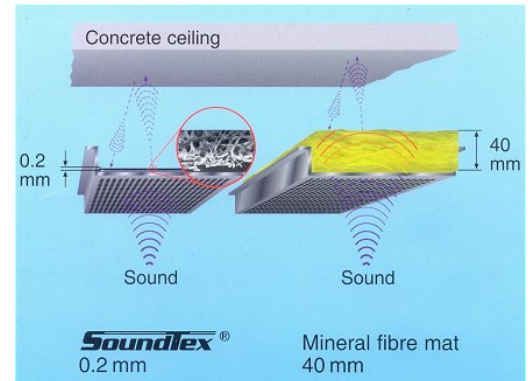


Acoustic Environment

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	0.81	0.89	.80

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