

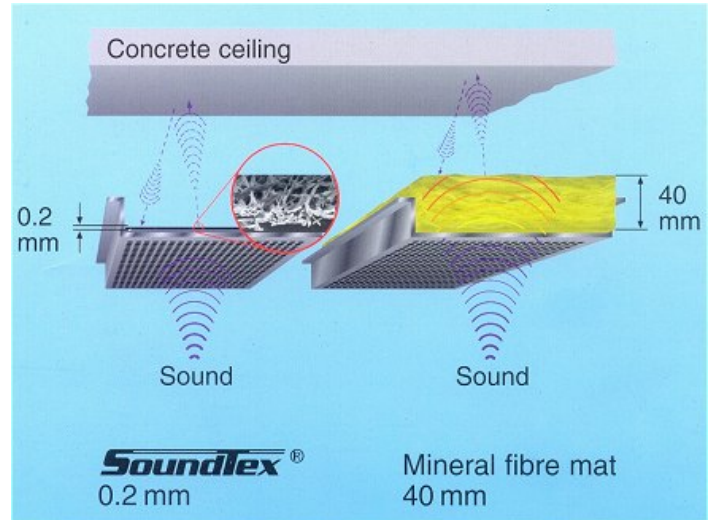


NoiseOut SoundTex

NoiseOut SoundTex is an innovative acoustical insulation – a non-woven fabric – that can be used where concerns about airborne glass fibers or space restrictions limits the use of traditional acoustical materials.

NoiseOut SoundTex is ideal for suspended grid ceilings. The gridwork is hung a calculated distance from the structural ceiling. Perforated metal or wood panels replace the typical mineral fiber panels. To broaden the absorption range each perforated panel can be topped with a paper thin air filter. NoiseOut SoundTex creates resistance to airflow and dissipates noise by converting vibrational energy into heat.

NoiseOut SoundTex is only 0.2 mm thick. NoiseOut SoundTex in combination with perforated sheet metal is non-flammable. Note that although metal does not absorb sound, perforations make the panels acoustically transparent so they can be used to support and cover sound absorbing materials.



Applications

NoiseOut SoundTex acoustic nonwovens are used for efficient sound absorption in high-quality perforated metal or wood ceiling panel systems, in architecturally demanding offices and administrative buildings, in airports and in communication centers.

Installation

NoiseOut SoundTex can be installed via adhesive backed nonwoven sheet. It can be supplied already affixed to a panel, preventing additional installation, inventory and storage costs which usually apply to the supply of insulating materials.

Physical Properties

Fiber	cellulose / glass
Binder system	synthetic resin
Structure of nonwoven	random
Weight	61 g/m ²
Thickness	0.2 mm
Sound impedance	190 Ns/m. ³

Sound Absorption Coefficients

Freq (Hz)	125	250	500	1000	2000	4000	NRC
21% open area, 1.8 mm. diameter holes	0.7	0.93	0.61	0.72	0.82	0.79	0.75
17% open area, 2.6 mm. diameter holes	0.82	0.89	0.75	0.77	0.81	0.89	0.8