



DECI-TEX[®] P70 Acoustic Board

DECI-TEX P70 is a next generation in acoustic textiles. It was developed to optimise specific acoustic impedance and mechanical properties of rigidity and stiffness.

DECI-TEX P70 absorbs sound to a much higher degree than other acoustic textiles, eliminating the need for traditional foam, rock wool or fibreglass materials.

This thin acoustic board is designed to be used as a standalone acoustic panel. It can replace other systems consisting of perforated panels with acoustic backing.

DECI-TEX P70 is installed with an air gap behind it. The air gap, combined with the matched impedance of the textile, results in outstanding sound absorption performance.

For wall linings, DECI-TEX P70 is mounted to the wall with an appropriate air gap on timber or metal furring. A decorative fabric might be stretched in front of it.

FEATURES

- Noise Reduction Coefficient
NRC = 0.37 - 0.72
- No acoustic infill required
- Easy tuning to the noise spectrum
- Lightweight
- 100% polyester:
- Low flammability and smoke index
- No unpleasant or harmful fibres

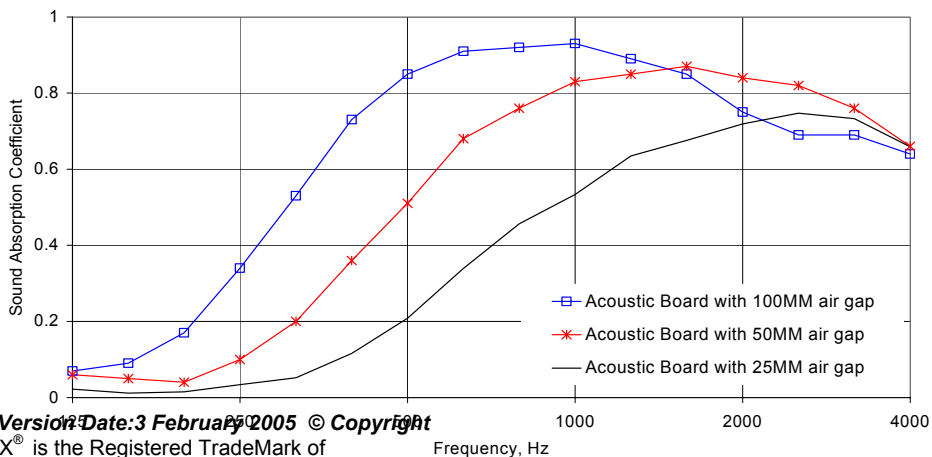
APPLICATIONS

- All types of acoustic panels
- Automotive sound boards
- Power Stations
- Plant rooms
- Classrooms and lecture theatres
- Factories

BENEFITS

- Safe and clean to handle
- Can be used in all building applications
- Decorative and special design effects possible
- Simple to install
- Low installed cost

Testing carried out in accordance with AS1045-1988/ISO 345-1985
I.N.C. Acoustic Board
DECI-TEX P70



STANDARD PRODUCT CODES

STANDARD PRODUCT	THICKNESS	WIDTH	SHEET SIZE
DECI-TEX P70	2.25 ± 0.75mm	1500mm	Can be supplied in rolls or sheets

SOUND ABSORPTION (Tested to AS1045-1988)

FREQUENCY Hz	RANDOM INCIDENCE ABSORPTION COEFFICIENT		
	100mm air gap	50mm air gap	25mm air gap
125	0.07	0.06	0.02
250	0.34	0.10	0.03
500	0.85	0.51	0.21
1000	0.93	0.83	0.53
2000	0.75	0.84	0.72
4000	0.64	0.66	0.66
NRC (250-2000 Hz)	0.72	0.57	0.37

FLAMMABILITY PROPERTIES

MATERIAL	UL94	MVSS-302	SAEJ369a	AS 1530.3			
				Ignit-ability	Spread of Flame	Heat Evolved	Smoke Develop.
DECI-TEX P70	N/A	Self Exting	Self Exting	0	0	0	3

MISCELLANEOUS PROPERTIES

MATERIAL	RECOMMENDED MAX. SERVICE TEMP.	CHEMICAL RESISTANCE
DECI-TEX P70	120C Intermittent 90C Continuous	Excellent
COLOUR	GREY-BLACK	

TOXICOLOGY/HEALTH AND SAFETY

DECI-TEX is completely non-toxic and safe to handle without protective clothing or respiration apparatus.

NOTES: Specifications are subject to change without notice.

The data listed in this data sheet are typical or average values based on tests conducted by independent laboratories or by the manufacturer. They are indicative only of the results obtained in such tests and should not be considered as guaranteed maximums or minimums. Materials must be tested under actual service to determine their suitability for a particular purpose.



**Commercial
In
Confidence**

I.N.C. Corporation Pty. Ltd.
 ABN 74 005 302 250
 63-79 South Park Drive,
 Dandenong South, VIC 3175, Australia
 Tel: +61 3 8710 7400
 Fax: +61 3 8710 7499
 Web: www.inccorp.com.au

