



**ACUSTEC**

**The Magic of Silence**



## ACUSTEC®

The acoustic treatment preferred by professionals

- Light, attractive and easy to install, **ACUSTEC®** is an acoustic panel of the highest performance. These specially sculpted acoustical panels increase the absorption of sound waves by 400%.
- Superior performance in noise control and acoustical treatment, matches the strictest international norms for Flammability rating such as UL 94.

## APPLICATION

This material has been designed for installation in a variety of environments:

- Heavy industry
- Theaters
- Movie Theaters
- Recording Studios
- Dance Halls
- Restaurants
- Auditoriums
- Computer Rooms
- Telemarketing Rooms
- Media Rooms

## CHARACTERISTICS

**ACUSTEC®** comes in self-extinguishable or fire retarded materials, charcoal & white colors and is available in thicknesses ranging from 1", 1½", 2" and 3".

## SIZES

	Inches	Millimeters
Length	24	610
Wide	24	610
Thicknesses (T)	1", 1½", 2", 3"	25 / 35 / 50 / 75



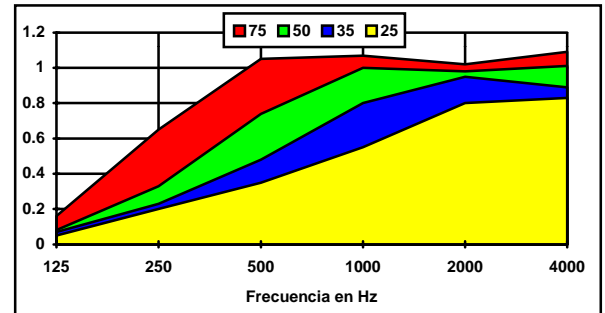
## DESIGN

Technologically designed to achieve maximum acoustical performance, yet allows for visual creativity and decorative enhancements.

## TECHNICAL INFORMATION

Specially designed for acoustical applications, made of sculptured, Anechoic Wedge self-extinguishable open cell polyester urethane foam, with low thermic conductivity.

## SOUND ABSORPTION COEFFICIENTS



	α s					
	125 Hz.	250 Hz.	500 Hz.	1 KHz.	2 Kz.	4 Kz.
1".	0,05	0,20	0,35	0,55	0,80	0,83
1½".	0,07	0,23	0,48	0,80	0,95	0,89
2"	0,08	0,33	0,78	1,05	0,98	1,01
3"	0,16	0,65	1,06	1,10	1,02	1,09

NRC:

Thickness	NRC
1"	0,45
1½"	0,66
2"	0,77
2" Painted	0,66
3"	0,93

## INSTALLATION

The 24" x 24" panels may be applied to: Paneling, concrete finish walls and ceilings, wood, metal, glass or plastic by using any contact adhesive. Panels may be trimmed to fit special areas.

## SUPPORT

Our technical department specialized in architectural acoustics will provide assistance to select and install the most appropriate grade of **ACUSTEC®** to achieve the best acoustical results.

© 2001 ACUSTEC Inc. All Rights Reserved.

**ACUSTEC®** is trademark in U.S.A. of ACUSTEC Inc. Consult with ACUSTEC Inc. for specific test and results.

All information subject to change without notice.

