

# NAP *Ambience*

Architectural Flow Resistive Absorptive Panels.

NAP 'Ambience' flow resistive absorptive panels are the high technology alternative to the treatment of reverberant rooms and chambers, where noise reduction and an improved intelligibility of speech and sound is required. Their unique performance characteristics allow tuning to achieve the desired performance for any particular application.

Ambience panels are an effective and economical solution to reverberant noise problems. The unique NAP design provides high sound absorption in an efficient and compact package. Although the panels are available in an attractive range of finishes, their robust design ensures that they can be used in high traffic areas.

The unique system of using a high-tech flow resistive lining eliminates the Occupational Health & Safety problems associated with the site cutting of fibrous insulation. In addition, as the flow resistive lining is factory bonded to the panel, a neater finish and appearance is obtained. The problem of fibrous insulation protruding through the material is eliminated, which is particularly important where hygiene is crucial, such as restaurants.

"The high tech solution to reverberation control"



Photographs show NAP "Ambience" Panels as installed at Macquarie University in Sydney.

## Typical applications include:

- Restaurants
- Libraries
- Airport Terminals
- Theatres
- Churches
- Boardrooms
- Court Rooms
- Conference Halls
- Hotel Foyers
- Reception Areas
- Gymnasiums
- Recording Studios
- Video Conferencing Rooms
- Schools
- Exhibition Centres



# NAP Ambience

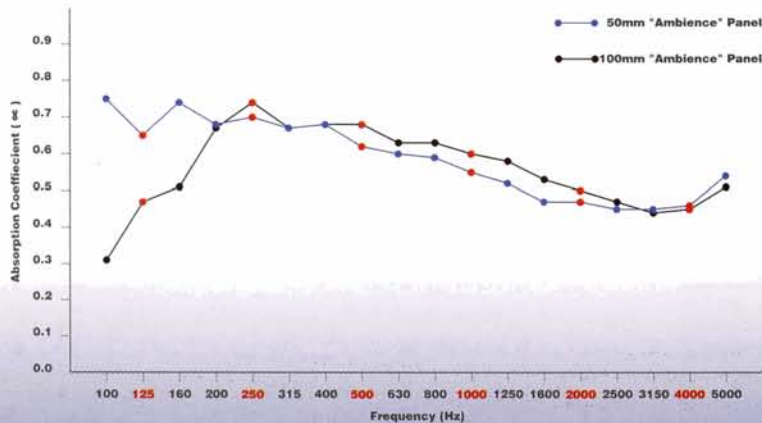
Architectural Flow Resistive Absorptive Panels.

## Installation

NAP Ambience panels can be installed either by permanently fixing to walls or by hanging in a similar manner to pictures, depending on the specific requirements. Panels can also be fitted into standard suspended ceiling grids. As there is no site cutting of acoustic insulation required with Ambience panels, installation times are greatly reduced.

## Features:

- Excellent absorption characteristics providing significant reduction in overall noise levels.
- Easily installed in new or existing buildings.
- Can be arranged in a variety of patterns to suit the architectural requirements.
- Available in various painted colours or with a timber veneer face.
- Available in a variety of shapes and sizes to suit individual requirements.
- Additional absorbers can be installed at any time, catering for changes in building use.
- Superior low frequency performance to comparable conventional systems.
- Panels can be backlit to create special visual effects.
- Available in a variety of perforated or slotted patterns.
- Light weight.



The performance data has been obtained from laboratory tests carried out at RMIT, Melbourne and tested in accordance with AS 1045-1986, 'Acoustics - Measurements of Sound Absorption in a Reverberation Room.'



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## Acoustic Performance

The NAP Ambience flow resistive absorptive panels provide excellent acoustic performance characteristics and are extremely effective in reducing overall noise levels in reverberant spaces. The maximum performance is achieved in areas of acoustically hard surfaces where high levels of reverberation noise exist.

The absorption figures given here are indicative of the performance achieved with our standard configuration. For details on the full range of panel configurations and performance options please contact NAP SILENTFLO or your local representative.

[www.nap.com.au](http://www.nap.com.au)

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