



## **NERO SERIES**

### **Anti-Fungus Acoustic Panel**



**Colours Available:**

- **Cherry**
- **Walnut**
- **Zebra**
- **Wenge**



## Nero Series - Introduction

Wooden Acoustic Panel's acoustic properties and performance has been assessed and concluded (Report Ref.: TSP Material Assessment and Performance Report, dated 0 February 2006), by Prakhun Acoustics Sdn. Bhd., a renowned and independent Acoustical Consultant Firm. Please visit [www.prakhunacoustics.com](http://www.prakhunacoustics.com) for details.

The report concludes the product's ability to increase the low frequency acoustic absorption characteristics of any acoustic insulation when used, thus reducing the overall panel finishing cost while simultaneously generating a much required acoustic ambience, free of the common "Boomie" and other "Rumbly" permeating low frequency noise environments.

## Fungus Test

### Method of Test

Test fungi used : Aspergillus niger (ATCC 9642)  
Aspergillus flavus (ATCC 9643)  
Aspergillus versicolor (ATCC 11730)  
Penicillium funiculosum (ATCC 11797)  
Chaetomium globosum (ATCC 6205)



Incubation conditions : Temperature of  $30 \pm 1^\circ\text{C}$  and relative humidity of  $95 \pm 5\%$   
Incubation period : 28 days  
Tests were performed in triplicate.

After 28 days of incubation at the specified temperature and relative humidity, the intensity of fungal growth on the surfaces of the test items were observed and rated as none.

The test above was performed by **PSB Singapore**.

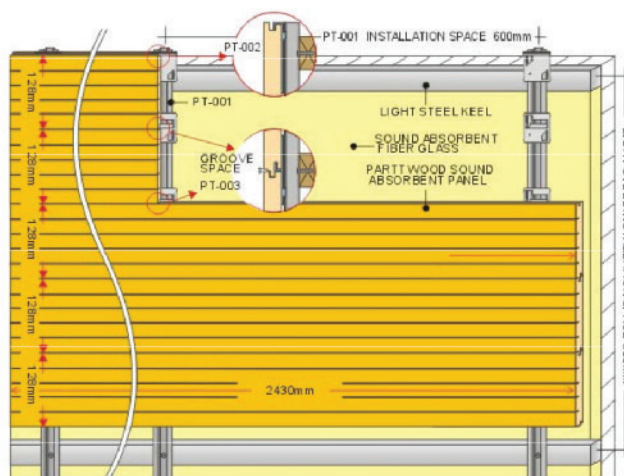
Moisture Resistant Test Report performed by **Singapore Test Services** is available upon request.

### Nero Series Anti-Fungus Acoustic Panel Performance

Description	Frequency Spectrum (Hz)					
	125	250	500	1000	2000	4000
Absorption coefficient, 50mm thick 100kg/m <sup>3</sup> Rockwool	a=0.59	a=0.97	a=0.98	a=0.97	a=0.95	a=0.95
Absorption coefficient, 50mm thick 100kg/m <sup>3</sup> Rockwool with timber panel finished.	a=0.85	a=0.97	a=0.98	a=0.95	a=0.8	a=0.7

Product	Benefits and Features	Size	Surface	Color
<b>Nero Series Anti-Fungus Acoustic Panel</b>	Performance Rate : 30.7% Good low frequency absorption	15mm x 2440mm x 128mm	Melamine, Veneer	Wood Grains

## Installation Method



Nero Series Anti-Fungus Acoustic Panel provides superior low frequencies absorption. (Refer to the NRC chart as above). There are two installation method, "AT&C" (Aluminium Track&Clip) system and "Nail-On" system. "AT&C" system will provide easy installation and dismantle system.



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