



## Acoustic Hygiene Panel

Acoustic Hygiene Panel is a lightweight semi-rigid panel engineered to provide excellent sound absorption with an antibacterial treated facing. Ideal for use where areas are exposed to splatter and a wipe clean facing is required.

### Applications:

Noise control for environments that where a wipe clean surface is required. Can be used in applications such as food tech classrooms, healthcare buildings, laboratories including the food and beverage industry

### Key Benefits

- Manufactured under ISO 9001 and ISO 14001 Certified Quality and Environmental Management Systems
- Excellent acoustic performance
- Highly durable providing long term stability and performance
- Safe, non-toxic, non-irritant and non-allergenic
- Lightweight and easy to handle
- Created from both post consumer and post production wastes streams sources
- Impact resistant facing

Product	Thickness	Dimensions	Weight gsm	Pieces per box
AHP25	25mm	Typically 1200 x 2400mm	2400	6
AHP50	50mm	Typically 1200 x 2400mm	2400	3

### Product Specifications

Product name: Autex Acoustic Hygiene Panel Hygiene  
Composition: 100% Polyester fibre (PET)

### Product tolerances:

Length and width dimension 1200 \*2400mm  
+/- 10MM. Thickness +/- 10%  
Contact your local Autex Account Manager for further information. Minimum orders per colour apply. Custom lengths and widths available subject to moq.

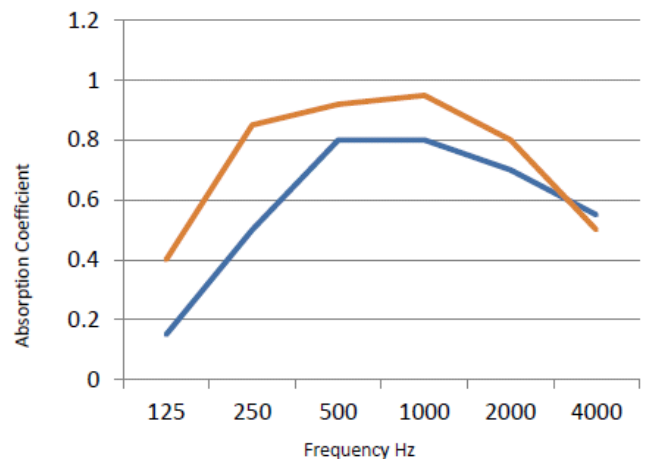
Minor blemishes, fine indentations and inconsistencies in the products facing could be visible. This is due to the light reflection properties of the applied facing. These are inherent characteristics of the product and not a fault. No claims will be accepted for these blemishes.

### Acoustic Performance:

Acoustic Hygiene Panel is engineered to help control reverberated (echo) noise in building interiors therefore reducing noise levels.

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
AHP25	0.15	0.50	0.80	0.80	0.70	0.55	0.70
AHP50*	0.40	0.85	0.92	0.95	0.80	0.50	0.90

\*calculated performance



### Fire ratings: ISO 9705: 2003

Classification: Group 1  
SMOGRARC: Less than 100m<sup>2</sup>/s<sup>2</sup>f  
As required by BCA C1.10a

Tested on plain and factory faced 400 gsm 100% polyester faced panel.  
Test report number Branz 4055.

### Moisture Absorption:

Polyester fibre when exposed to an atmosphere of 50°C at 90% relative humidity for four days showed moisture absorption of less than 0.03% by weight. Polyester durability is not affected by moisture, mould or mildew and will not rot or deteriorate in its intended use applications.

**Colour range:** 36 Fashion Colours. Samples on request.

**Fabric facing:**

100% Polyester 160gsm. wipe clean Fabric ultra and Greensheild facing.

**Ultra-Fresh:**

An Ultra-Fresh\* treated fabric that kills MRSA on contact. Contains effective antibacterial and antifungal properties to preserve fabric freshness.



**Greensheild:**

Fabrics featuring the Greensheild mark have been tested to confirm no harmful VOC's or hazardous substances will be released to the environment in Quantities that are recognised as potentially Dangerous to occupants of dwellings or buildings.



**Cleaning:**

Fabric facing rated as machine washable. Can be wiped with a clean cloth that has been dampened with a solution of mild detergent. Fabric is water proof but not considered to be fully impervious.

**Handling:**

There are no known health affects relating to the handling, use or exposure to thermally bonded polyester insulation type products. It is recommended that eye and hearing protection is used when working with this product especially when mechanical equipment is being utilised to cut the product. A dust nuisance could be created when machining this product. Dust masks should be worn to minimise the chance of irritation.

**Installation:** Panels can be cut on site or supplied pre cut to fit standard ceiling grid systems. Panels can be direct fixed to most common subtraights. Care should be taken to ensure all junctions and joins are sealed to avoid contamination of the panel core and minimise the possibility of contamination occurring behind the panel. Fabric wrapping or fully enclosed in aluminium trims is recommended. A suitable hygiene or sanitary grade rated adhesive sealer should be used to finish all edges where necessary.

**VOC Emissions:**

Autex Polyester has been tested by Cetec Pty Ltd for chemical emission and classified as low VOC.

**VOC Concentration:** 0.01mg/m3 (7 days)  
(Report: CV 080408)

**Environmental:**

Autex is committed to environmental best practice through our ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems. Autex Acoustic Panel contains a minimum 60% post-consumer recycled fibre (from PET bottle flake) ensuring comparatively low embodied energy off-cuts and manufacturing waste is re-used or recycled wherever possible. Uncontaminated Acoustic Panel backing can be recycled. Autex Acoustic Panel is made from 100% polyester and dose not contain formaldehyde binders.

**Service:**

For further information about Acoustic Hygiene Panel or any other Autex products please contact your local Autex representative or visit our website ([www.autex.com.au](http://www.autex.com.au))

Autex Hygiene Acoustic Panel is proudly manufactured in Australia by Autex Pty Ltd.

(Autex Acoustic Hygiene Panel) is manufactured in Australia by Autex Pty Ltd. Autex retains the right to change products and specifications without prior notice. If a specification is critical to end use situation please discuss your requirements with your Autex representative.



Raven



Pewter



Flint



Slate



China White



Ivory



Ecrú



Hessian



Caramel



Mocha



Truffle



Cocoa



Cream



Vanilla



Canary



Yellow



Orange



Strawberry



Maraschino



Claret



Mulberry



Fuchsia



Magenta



Purple



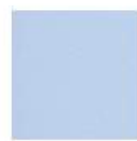
Navy



Denim



Royal



Sky



Mineral Blue



Turquoise



Jade



Peacock



Lily



Laurel



Moss



Lime

Colours reproduced here may vary from the actual colours due to the limitations of the printing process. Great care has been taken to ensure that the fabric swatches and the information supplied are correct, however specifiers and customers are advised to check the suitability of materials before use.



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