

Autex Acoustic Panel Absorber

Data Sheet

Autex Acoustic Panel Absorber is a range of lightweight semi-rigid panels engineered to provide excellent sound absorption.

Autex Acoustic Panel Absorbers are made from safe and friendly polyester fibre which is thermally bonded without the need for chemical additives or glues. Autex Acoustic Panel Absorbers contain a minimum of 60% post-consumer recycled materials (PET bottle flake) and panels and off-cuts can be recycled.

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

Product Specifications

Product name: Autex Acoustic Panel Absorber
 Composition: 100% polyester fibre (PET)
 Panel Dimensions: Standard 2400mm x 1200mm

Product Format

Thickness:	12mm	25mm
Weight:	1350gsm	2400gsm
Density:	112.5kg/m ³	96kg/m ³

VOC Emissions

Autex Polyester has been tested by Cetec Pty Ltd (Report: CV 080408) for chemical emission and classified as low VOC.

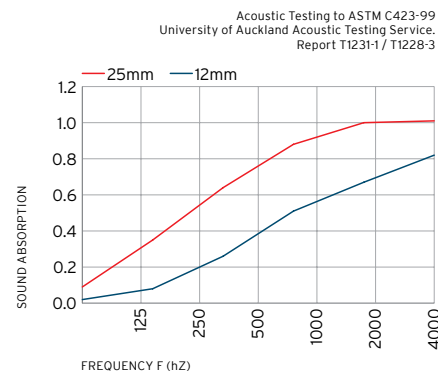
VOC concentration: 0.01mg/m³ (7 days)

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 intended use situations.

Acoustic Performance

Autex Acoustic Panel Absorbers have been engineered to reduce and control reverberated (echo) noise in building interiors.



Frequency (Hz)	125	250	500	1000	2000	4000	NRC
12mm Panel	0.02	0.08	0.26	0.51	0.67	0.82	0.40
25mm Panel	0.09	0.35	0.64	0.88	1.00	1.01	0.70



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Environmental

Autex is committed to environmental best practice through our ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems.

Autex Acoustic Panel Absorber 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 panels can be recycled. Autex Acoustic Panel Absorbers are made from 100% polyester and do not contain formaldehyde binders.

Service

For further information about Autex Acoustic Panel Absorber or any other Autex products please contact your local Autex representative or visit our website (www.autex.co.nz)

Autex Acoustic Panel Absorbers are proudly manufactured in Australia by Autex Pty Ltd.

AUTEX



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