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/m³, 96kg/m³

**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.

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**Acoustic Testing to ASTM C423-99**
University of Auckland Acoustic Testing Service. Report 11231/1 11228-3

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**SOUND ABSORPTION**

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<th>Frequency (Hz)</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1000</th>
<th>2000</th>
<th>4000</th>
<th>NRC</th>
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<tbody>
<tr>
<td>12mm Panel</td>
<td>0.02</td>
<td>0.08</td>
<td>0.26</td>
<td>0.51</td>
<td>0.67</td>
<td>0.82</td>
<td>0.40</td>
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<td>25mm Panel</td>
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<td>0.35</td>
<td>0.64</td>
<td>0.88</td>
<td>1.00</td>
<td>1.01</td>
<td>0.70</td>
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Jan 2013
AN ISO 9001 AND ISO 14001 CERTIFIED COMPANY
Autex Acoustic Panel Absorber

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.