



**Product  
overview**

Acoustic Timber™ Ceiling Tile is a simple, high-performance acoustic tile made from Accent Ceiling Tile™ designed to fit within standard grid systems and comply with typical loading standards. Made from non-woven, needle punched 100% polyester fibre, the tiles are lightweight and sturdy, so they will not chip, crack, or break.

**Sustainable material**

- Carbon neutral product
- Zero carbon manufacturing
- Recycled content  
- >60% recycled material
- Low VOC and CDPH compliant  
- <0.092 mg/m<sup>3</sup> (7 days)
- Zero waste manufacturing initiative
- Sustainable supply chain and anti-modern slavery

**Environmental  
certifications**

- EPD – compliant with ISO 14025 and EN 15804
- Declare – Red List free (third party verified)
- ISO 14001 Certified Environmental Management
- Health Product Declaration
- CDPH Standard



**Certifying your  
green building**

Autex Acoustics products meet criteria for WELL, LEED, Green Star, and BREEAM building rating systems, helping you achieve certification for your project. For support and guidance on available rating system points please visit [www.autexglobal.com](http://www.autexglobal.com), or speak with your Autex Acoustics account manager.

**Specification**

(Ceiling) treatment shall be Acoustic Timber Ceiling Tile from thermally bonded polyester containing not less than 60% recycled material as manufactured by Autex. [www.autexglobal.com](http://www.autexglobal.com)

Tile 595 mm x 1195 mm x 12 mm depth, or 595 mm x 595 mm x 12 mm depth, colour ( ) suspended square edge, sound absorption: Class A,

NRC 0.85. Fire rating ISO9705: Classification: Group 1-S, AS ISO 9705 – 2003: Group 1, BS EN 13501-1:2018: B – s2, d0,

Install as per Autex Acoustics recommendations. If Acoustic Timber Ceiling Tile is to be specified for use other than as a ceiling tile, please seek guidance from your account manager.



## Product specifications

<b>Product name</b>	Acoustic Timber™ Ceiling Tile
<b>Composition</b>	100% polyester fibre (PET)
<b>Panel dimensions</b>	595 x 1195 mm
	595 x 595 mm
<b>Tolerance</b>	(+/- 2 mm) (- 5 mm)
<b>Thickness</b>	12 mm
<b>Tolerance</b>	(+/- 6%)

## Installation

Install as per Autex Acoustics recommendations.

Install instructions are included in each pack or available on the website. In situations where product is being installed near fire protection systems (e.g. sprinklers or fire alarms) relevant building codes, standards and design rules must be adhered to. Please consult the project engineer and relevant expert such as a fire protection engineer.

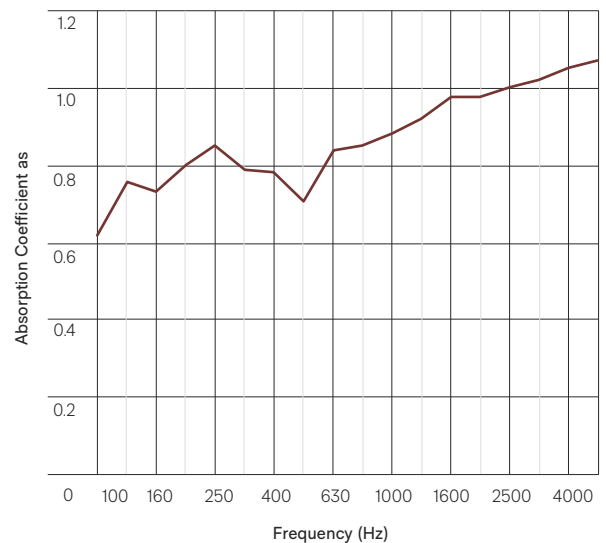
## Acoustic performance

Acoustic Timber Ceiling Tile is made using Accent Ceiling Tile. The effect of the printed surface has been tested and found to have no impact on the acoustic performance.

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
● Ceiling Tile 13 mm (300 mm air gap)	0.70	0.80	0.80	0.90	1.00	1.00	0.85

Table presents the practical sound absorption coefficients as according to ISO 11654. Graph presents third octave sound absorption coefficients (according to ISO 354 measurement of sound absorption in a reverberation room.) The NRC rating is determined as the arithmetic average of the absorption coefficients measured by one-third octave bands centred on 250 Hz, 500 Hz, 1000 Hz and 2000 Hz. and rounded to the nearest 0.05.

Absorption Coefficient According ISO 354  
University of Auckland Test Report Number  
Accent Ceiling Tile 13 mm (300 mm air gap) - Test No. T1632-2



## Product specifications

### Fire ratings

Acoustic Timber Ceiling Tiles are made from Cube™ which has been tested and evaluated using the following test methods.

### ISO 9705: 1993

Classification: Group 1-S  
Smoke production rate:  
<5.0m<sup>2</sup>/s  
As required by NZBC C/VM2

### AS ISO 9705 - 2003

Classification: Group 1  
(SMOGR<sub>arc</sub>): <100m<sup>2</sup>/s<sup>2</sup>  
Assessed using methodology  
AS ISO 9705 - 2003  
in accordance with AS 5637:1.2015, as required  
by BCA Specification C110-4  
FAR 4055

### BS EN 13501-1:2018

Ceiling applications  
Classification: B-s2,d0  
(Cube™ 12 mm)  
Tested using BS EN ISO 11925-2:2020 and BS EN  
13823:2020 and classified in accordance with BS  
EN 13501-1:2018, as required by BS EN 13964:2014.  
EUI-20-000268-B

### Water vapour sorption

ASTM C1104 / C1104M-13a  
Test conditions: 49°C, 95%RH  
Water vapour absorbed and  
adsorped after 4 days:  
0.4% by weight.

### Impact resistance

Acoustic Timber Ceiling Tile  
may show surface damage  
when subjected to impacts.

We would advise against using  
Acoustic Timber Ceiling Tile  
in areas where there is likely to  
be contact with the product.

### Microbial resistance

ASTM G21-15  
Growth rating: 0 (No growth)  
Accent Ceiling Tile does not  
promote the growth of moulds  
and mildew.

### Colour fastness to light

Acoustic Timber Accent Ceiling  
Tile is suitable for indoor use  
only. Light fastness is dependent  
on use and exposure. Acoustic  
Timber Accent Ceiling Tile has  
been evaluated to the following  
standard:  
ISO 105-B02:2014  
Rating: 6 (Highest = 7)

### Pattern repeat

Acoustic Timber Ceiling Tiles  
are made to replicate Timber  
grains and there is a variation  
from panel to panel to provide  
the natural look. There is no  
pattern repeat from tile to tile.

### Blemishes

Due to the nature of the raw  
material and the manufacturing  
process, flecks and other small  
surface blemishes may be  
visible on the surface of Autex  
Acoustics panels from time  
to time. This is an inherent  
characteristic of the textile  
products and is unavoidable.

### Fabric care

Avoid contact with the Acoustic  
Timber Ceiling Tile surface.  
Where liquids and other  
contaminants come in contact  
with the panels, these should  
be gently removed immediately  
and not allowed to soak in,  
dry, or set. Refer to the product  
Care and Maintenance for  
cleaning guidance. Consult a  
specialist cleaning company for  
cleaning if required.

### Back loading

None. All loads to be  
independently supported or  
transferred to the grid.  
For questions and concerns  
please contact your  
account manager.

### Service

For further information about  
Acoustic Timber Ceiling Tile or  
any other Autex Acoustics  
product, please contact your  
account manager  
or visit our website.



## Light reflectance values by colour

Acoustic Timber Ceiling Tiles are suitable for indoor use only. LRVs were measured in accordance with BS 8493:2008+A1:2010

Birch	58	Tasmanian Oak	28
American Ash	53	Blue Gum	18
Eucalyptus	46	Tasmanian Blackwood	17
Hoop Pine	45	Queensland Walnut	15
Oak	37	Jarrah	9

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