



### Product overview

Accent Ceiling Tiles are a simple, high-performance acoustic 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
  - >80% 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 credentials

- 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



Declare.



### 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 [autexglobal.com](http://autexglobal.com), or speak with your Autex Acoustics account manager.

### Specification

(Ceiling) treatment shall be Accent Ceiling Tiles from thermally bonded polyester containing not less than 80% recycled material as manufactured by Autex Acoustics. [autexglobal.com](http://autexglobal.com)

Tile 595 mm x 1195 mm x 12 mm depth, 23.4 x 47.0" x 1/2" 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 – s1, d0,

Install as per Autex Acoustics recommendations. If Accent Ceiling Tiles are to be specified for use other than as a ceiling tile, please seek guidance from your Autex Acoustics account manager.



## Product specifications

Product name	Accent Ceiling Tiles
Composition	100% polyester fibre (PET)
Panel dimensions	595 x 1195 mm
Tolerance	(+/- 2 mm) (- 5 mm)
Thickness	12 mm
Tolerance	(+/- 6%)
Weight	2400 gsm

### 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.

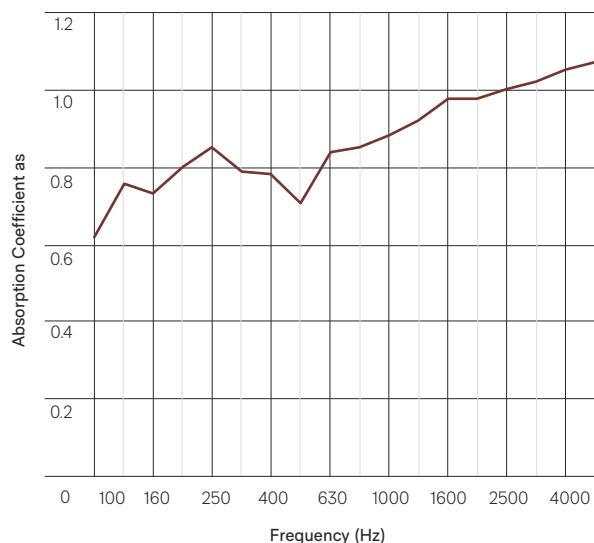
## Acoustic performance

Accent Ceiling Tiles are specifically designed to reduce and control reverberated noise and echo in building interiors.

	Frequency (Hz)	125	250	500	1000	2000	4000	NRC
● Accent Ceiling Tiles (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 Tiles (300 mm air gap) - Test No. T1632-2





## Product specifications

### Fire ratings

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

(SMOGRArc): <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 NCC Specification 7: Fire Hazard properties: S7C4 FI 4974 FAR 4055

### BS EN 13501-1:2018

Ceiling applications

Classification: B-s1, d0

(Cube™ 12 mm)

Tested according to BS EN ISO 11925-2:2020 and BS EN 13823:2020 + A1:2022 and classified in accordance with BS EN 13501-1:2018, as required by BS EN 13964:2014. 791361939-MEC25/03-JV

### Water vapour sorption

ASTM C1104 / C1104M-13a

Test conditions: 49°C, 95%RH

Water vapour absorbed and adsorbed after 4 days:

0.4% by weight.

### Impact resistance

ISO 7892:1988

### Soft body impact

There is no surface damage or penetration to Accent Ceiling Tiles when subjected to soft body impacts. When adhered to 10 mm plasterboard, the system can resist a 70 joule impact. This is equivalent to the impact of a 50 kg object dropped from a 150 mm height.

### Microbial resistance

ASTM G21-15

Growth rating: 0 (No growth)

Accent Ceiling Tiles does not promote the growth of moulds and mildew.

### Colour fastness to light

Accent Ceiling Tiles are suitable for indoor use only. Light fastness is dependent on use and exposure.

Accent Ceiling Tiles have been evaluated to the following standard:

ISO 105-B02:2014

Rating: 6 (Highest = 7)

### Colour fastness to rubbing

ISO 105-X12:2016

Dry rating: 4-5 (Highest = 5)

Wet rating: 4-5 (Highest = 5)

### Pattern repeat

Non-woven. No pattern repeat, but product has directional grain. Product may vary from samples and batch to batch due to fibre blending and lay-up, which is an inherent feature of this product.

### Fabric care

Blot spills from fabric quickly.

Wipe with a damp cloth.

Avoid rubbing and excessive amounts of water as this will affect the finish. Use carpet or upholstery shampoo as directed. Blot with a clean dry cloth after each application of solution.

Custom printed Accent Ceiling Tiles requires the services of a specialist cleaning company. Refer to the Autex Acoustics Care and Maintenance Guide for more information.

### Back loading

None. All loads to be independently supported or transferred to the grid.

For questions and concerns please contact your Autex Acoustics account manager.

### Service

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

## Light reflectance values by colour

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

Acros	40	Opera	49
Beehive	33	Parthenon	33
Canyon	19	Pavilion	80
Caspian	6	Petronas	2
Cavalier	12	Pinnacle	3
Empire	5	Sargazo	4
Falling Water	34	Savoye	46
Flatiron	24	Senado	44
Gherkin	8	Terrace	24
Highland	19	Tree House	3
Muralla	9		

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