



Accent Ceiling Tile™ are manufactured by Autex Industries Ltd under ISO 14001 certified Quality Management system. This product is guaranteed to be free from manufacturing defects and carries a Manufacturer's Guarantee for a period of no less than ten years to meet all the performance properties stated within this guarantee.

Specification

Product Name	Accent Ceiling Tile
Description	100% polyester needle punched, thermally bonded ceiling tile with impervious layer

	Metric
Panel Dimensions	595mm x 1195mm
Tile Tolerance	(+/- 2mm) (- 5mm)
Thickness	13mm
Tolerance	(+/- 6%)
Density	239kg/m ³

**Physical Description /
Properties**

Boiling Point	N/A
Melting Point:	250°C
Vapour Pressure:	N/A
Specific Gravity:	Polyester 1.38
Flash point:	N/Aw
Explosive limits:	N/A
Solubility in water	Not soluble
Alkalinity:	pH 7.8
Relative Vapour Density:	N/A

Acoustic Performance

Accent Ceiling Tile is specifically designed to reduce and control reverberated (echo) noise in building interiors.

Minimum Noise Reduction Coefficient 0.85

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



Service

For further information about Accent Ceiling Tile™ or any other Autex product, please contact your Autex Account Manager or visit our website.

Care and Maintenance

Maintain in accordance with the Care and Maintenance Guide available for this product.

Product Specifications

Composition

100% Polyester Fibre from polyethylene terephthalate (PET). Accent Ceiling Tile contains a minimum of 60% recycled polyester fibre.

Suitable applications

High performing acoustic ceiling tile for reverberation control in commercial and education environments.

Fire Ratings

ISO 9705: 1993

Classification: Group 1-S

Smoke Production Rate:

<5.0m²/s

As required by NZBC C/VM2

AS ISO 9705 - 2003

Classification: Group 1

(SMOGR_{Arc}): <100m²/s²

Assessed using methodology

AS ISO 9705 - 2003

in accordance with AS 5637:2015, as required

by BCA Specification C110-4

FAR 4055

BS EN 13501-1:2018

Ceiling applications

Classification: B-s2,d0

(Cube™ 12mm)

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. EUII-20-000268-B

VOC Emissions

Autex polyester has been tested for chemical emissions in accordance with ASTM D5116 and is considered a low VOC product. VOC concentration: 0.009 mg/m³ (7 days).

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

ISO 7892:1988

Soft Body Impact

There is no surface damage or penetration to Accent Ceiling Tile when subjected to soft body impacts. When adhered to 10mm plasterboard, the system can resist a 70-joule impact.

This is equivalent to the impact of a 50-kg object dropped from a 150mm height.

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

Accent Ceiling Tile is suitable for indoor use only. Light

fastness is dependent on use and exposure. Accent Ceiling Tile has 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 Tile requires the services of a specialist cleaning company. Refer to the Accent Ceiling Tile 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 account manager.

Environmental

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

Autex Accent Ceiling Tile contains a minimum of 60% previously recycled polyester fibre (from PET bottle-flake). Off-cuts and manufacturing waste are re-used or recycled wherever possible.

Uncontaminated Accent Ceiling Tile can be recycled.

Accent Ceiling Tile is manufactured from 100% polyester fibre and does not contain formaldehyde binders. Autex polyester fibres support safer indoor air quality and will not become a potential airborne pollutant.

Independantly certified by Declare (Red List Free) and Product HealthDeclaration (Platinum level).

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