

INTERIOR ACOUSTICS
ACCENT TILES
DATASHEET

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ACCENT CEILING TILE

Make a defining statement with Accent Ceiling Tiles, your creative approach to dynamic suspended ceilings that control reverberated sound whilst adding life to your office, school or commercial interior.

Developed with two functional sides for creative flexibility; Accent Ceiling Tiles have the added benefit of a smooth, classic white face combined with one of the exciting range of Autex Cube™ colours. Gain creative control over your ceiling space with the ability to mix-and-match colours to complement your environment.

Lightweight, easy and safe; Accent Ceiling Tiles are designed to fit into standard grid systems and comply to typical loading standards. Because these durable ceiling tiles are made from 100% polyester, they will not chip, crack or break, resulting in no wastage whilst installing.

APPLICATIONS

- Offices, call centres and schools; especially open-plan areas
- Boardrooms and conference rooms
- Halls and auditoriums
- Libraries and administration buildings
- Retail stores and showrooms

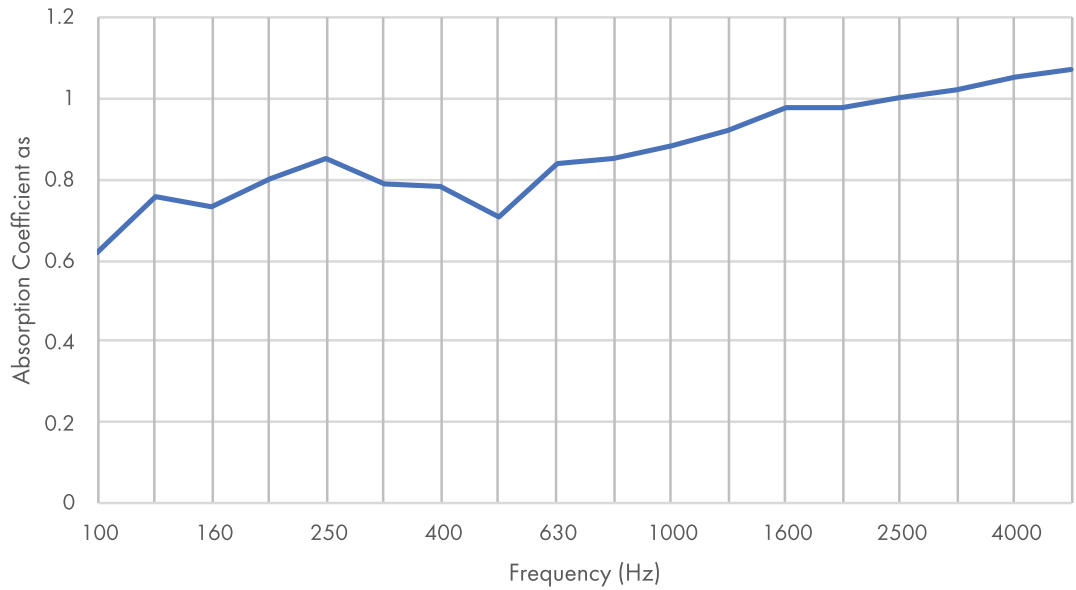
SPECIFICATION:

(Ceiling) treatment shall be Accent Ceiling Tiles from thermally bonded polyester containing not less than 45% recycled material as manufactured by Autex. www.autexindustries.com

Tile 595mm x 1195mm x 13mm 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, EN13501-1:2007+A1:2009: B – s2, d2, ASTM E-84: Class A, FS:0 - SD:10.

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

ABSORPTION COEFFICIENT ACCORDING TO ISO 354.



Frequency (Hz)	University of Auckland Test Report Number	125	250	500	1000	2000	4000	NRC
Accent Ceiling Tiles 13mm 400mm Airgap	T1632-2	0.70	0.80	0.80	0.90	1.00	1.05	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.

PRODUCT SPECIFICATIONS

Product Name	Accent Ceiling Tiles
Composition	100% Polyester Fibre (PET)
Panel Dimensions	595 x 1195mm
Tolerance	(+/-2mm) (-5mm)
Thickness	13mm
Tolerance	(+/-6%)
Weight	3100gsm

INSTALLATION

Install as per Autex recommendations. Install instructions are included in each pack or available on the website.

ACOUSTIC PERFORMANCE

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

LIGHT REFLECTANCE VALUES BY COLOUR

LRVs were measured in accordance with BS 8493:2008+A1:2010

Pavilion	78
Opera	49
Savoye	47
Senado	45
Rosada	45
Acros	42
Falling Water	36
Bosco	29
Flatiron	25

Zenith	22
Lotus	16
Galaxy	16
Iron Bank	13
Pinnacle	8
Empire	6
Tree House	3
Petronas	2

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
(SMOGRARC): <100m²/s²
Assessed using methodology AS ISO 9705 - 2003 in accordance with AS 5637.1:2015, as required by BCA Specification C1.10-4 FAR 4055-2 dated 8th October, 2013

EN13501-1:2007+A1: 2009

B - s2, d2
Report WF 336911 dated 25th February, 2014

ASTM E-84-14

Class A, FS:0 - SD:10
R13297-10R1 - 17th March, 2015

VOC EMISSIONS

Autex polyester has been tested for chemical emissions in accordance with ASTM D5116 and is considered as 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 adsorbed after 4 days: 0.4% by weight.

IMPACT RESISTANCE

ISO 7892:1988

HARD BODY IMPACT

There is no surface damage or penetration to Accent Ceiling Tiles when subjected to hard body impacts. When adhered to 10mm plasterboard, the system can resist a 9-joule impact. This is equivalent to the impact of a 0.5kg object dropped from a 2m height. A small indentation might be observed when subjected to an impact equivalent to the impact of a 0.5kg object dropped from a 0.5-m height.

SOFT BODY IMPACT

There is no surface damage or penetration to Accent Ceiling Tiles 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 Tiles does not promote the growth of moulds and mildew.

COLOUR FASTNESS TO LIGHT

Accent Ceiling Tiles is suitable for indoor use only. Light fastness is dependent on use and exposure. Accent Ceiling Tiles 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 Tiles requires the services of a specialist cleaning company. Refer to the Accent Ceiling Tiles Cleaning 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 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 Tiles contains a minimum of 45% previously recycled polyester fibre (from PET bottle-flake). Off-cuts and manufacturing waste are re-used or recycled wherever possible.

Uncontaminated Accent Ceiling Tiles can be recycled.

Autex Accent Ceiling Tiles is manufactured from 100% polyester fibres 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).

SERVICE

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

COLOUR OPTIONS



MOQ's apply to some colours. To find out more, or to order a sample, please contact your Account Manager or visit our website.