



INTERIOR ACOUSTICS
ACCENT CEILING TILE™
DATA SHEET

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ACCENT CEILING TILE™

Breathe life into your office, school, or commercial interior with the Accent Ceiling Tile™—a simple acoustic ceiling solution. Made with design freedom in mind, Accent Ceiling Tiles have one smooth, white face, and one colourful Cube™ lined face. Mix and match colours and textures to achieve the look and feel you want.

Lightweight, easy to install, and safe to touch—Accent Ceiling Tiles are designed to fit into standard grid systems, and comply to typical loading standards. Because the tiles are made from 100% polyester, they won't chip, crack, or break.

APPLICATIONS

- Open plan spaces such as offices, schools, and call centres
- Boardrooms and conference rooms
- Halls and auditoriums
- Libraries and administration buildings
- Retail stores and showrooms

FEATURES AND BENEFITS

- Delivers excellent acoustic performance
- Designed to fit standard ceiling grids
- Two functional sides - coloured and classic white facing
- Spun-bond cover protects tiles during installation
- Made locally

SPECIFICATION:

(Ceiling) treatment shall be Accent Ceiling Tile from thermally bonded polyester containing not less than 60% recycled material as manufactured by Autex. www.autexglobal.com

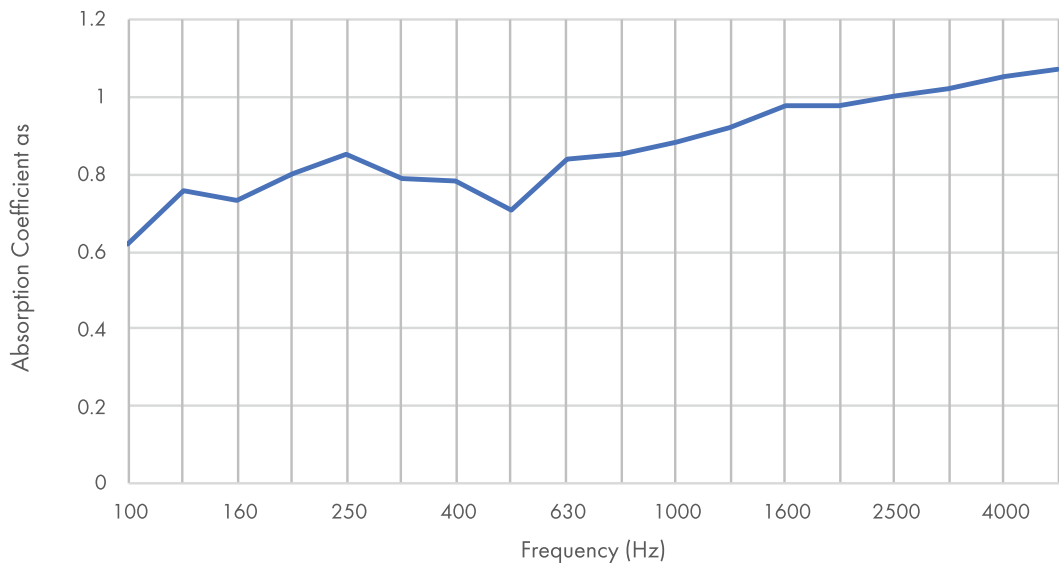
Tile 595mm x 1195mm x 13mm depth, 23.4 x 47.0" x 1/2" depth,
Colour (L) Suspended Square Edge, Sound absorption: Class A,
NRC 0.85. Fire rating ASTM E-84-15a: Class A, FS:0 - SD:45,
ISO 9705: Classification: Group 1-S, AS ISO 9705 - 2003
Classification: Group 1, BS EN 13501-1:2018: B - s2, d0.

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



Autex Global

ABSORPTION COEFFICIENT ACCORDING TO ISO 354.



Frequency (Hz)	University of Auckland Test Report Number	125	250	500	1000	2000	4000	NRC
Accent Ceiling Tile™ 13mm 300mm Airgap	T1632-2	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.

PRODUCT SPECIFICATIONS

Product Name	Accent Ceiling Tile™
Composition	100% polyester fibre (PET)
Panel Dimensions	595 x 1195mm
Tolerance	(+/- 2mm) (- 5mm)
Thickness	13mm
Tolerance	(+/- 6%)

ACOUSTIC PERFORMANCE

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

INSTALLATION

Install as per Autex 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.

LIGHT REFLECTANCE VALUES BY COLOUR

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

Opera	49	Zenith	22
Savoye	47	Lotus	16
Senado	45	Galaxy	16
Rosada	45	Iron Bank	13
Acros	42	Pinnacle	8
Falling Water	36	Empire	6
Bosco	29	Tree House	3
Flatiron	25	Petronas	2



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FIRE RATINGS

ISO 9705: 1993

Classification: Group 1-S
Smoke Production Rate: $<5.0\text{m}^2/\text{s}$
As required by NZBC C/VM2

AS ISO 9705 - 2003

Classification: Group 1
(SMOGRARC): $<100\text{m}^2/\text{s}^2$
Assessed using methodology AS ISO 9705 - 2003
in accordance with AS 5637.1:2015, as required
by BCA Specification C1.10-4
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.EUF: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: $0.009\text{ mg}/\text{m}^3$ (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

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 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 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.

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

SERVICE

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



AUTEX

COLOUR OPTIONS



MOQ's apply to some colours. Custom colours available on request.
To find out more, or to order a sample, please contact your Autex
account manager or visit our website www.autexglobal.com