



**Autex
Acoustics®**

Accent Ceiling Tiles

Manufacturer's Guarantee

Accent Ceiling Tiles are manufactured by Autex Industries Ltd under an ISO 9001 and ISO 14001 certified Quality Environmental Management Systems. 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 Tiles
Description	100% polyester needle punched, thermally bonded ceiling tile

Metric

Panel dimensions	595 mm x 1195 mm
Tile tolerance	(+/- 2 mm) (+/- 5 mm)
Thickness	12 mm
Tolerance	(+/- 6%)
Weight	2400 gsm

Physical description/ properties

Boiling point:	N/A
Melting point:	250°C
Vapour pressure:	N/A
Specific gravity:	Polyester 1.38
Flash point:	N/A
Explosive limits:	N/A
Solubility in water:	Not soluble
Alkalinity:	pH 7.8
Relative vapour density:	N/A

Acoustic performance

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

Minimum Noise Reduction Coefficient 0.85

Frequency (Hz) 125 250 500 1000 2000 4000 NRC

Accent
Ceiling Tile
(300 mm air gap) 0.70 0.80 0.80 0.90 1.00 1.00 0.85



Service	For further information about Accent Ceiling Tiles or any other Autex Acoustics® product, please contact your 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 Tiles contain a minimum of 80% recycled polyester fibre.	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. 7191361939-MEC25/03-JV
Suitable applications High performing acoustic ceiling tile for reverberation control in commercial and education environments.	VOC emissions Autex Acoustics 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).
Fire ratings ISO 9705: 1993 Classification: Group 1-S Smoke production rate: <5.0m²/s As required by NZBC C/VM2	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.
AS ISO 9705 - 2003 Classification: Group 1 (SMOGRArc): <100m²/s2 Assessed using methodology AS ISO 9705 - 2003 in accordance with AS 5637:2015, as required by NCC Specification 7: Fire Hazard properties: S7C4 FI 4974 FAR 4055	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)
	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.

● **New Zealand**
702-718 Rosebank Road,
Private Bag 19988,
Avondale 1746, Auckland
T 0800 428 839
T +64 9 828 9179
autexacoustics.co.nz

● **Australia**
121-131 Global Avenue,
Essendon Fields,
VIC 3041
T 1800 678 160
T +61 3 9450 6700
autexacoustics.com.au

● **United Kingdom**
Unit J4, Lowfields Way,
Lowfields Business Park,
Elland, West Yorkshire,
HX5 9DA
T +44 0 142 241 8899
autexacoustics.co.uk

● **United States**
742 S Hill Street,
Suite 501, Los Angeles,
CA 90014
T +1 424 203 1813
autexacoustics.com