



# INTERIOR ACOUSTICS

# ACCENT CEILING TILES

## MANUFACTURERS GUARANTEE

Accent Tiles are manufactured by Autex Industries Ltd under ISO 9001 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.

**Product Name** Accent Ceiling Tiles

**Description** 100% polyester needle punched, thermally bonded ceiling tile with impervious layer.

ALITEX®	
Size	595mm x 1195mm
Thickness	13mm
Tolerance	(+/- 6%)
Weight	3100gsm
Density	239kg/m <sup>3</sup>

### COMPOSITION

100% polyester fibre from polyethylene terephthalate (PET). Accent Tiles contains a minimum of 45% 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: <5.0m<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 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  
RJ3297-10R1 - 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/m<sup>3</sup> (7 days)

### BACK LOADING

None. All loads to be independently supported or transferred to the grid.  
For questions and concerns please contact your Autex Account Manager.

### ACOUSTIC PERFORMANCE

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

Minimum Noise Reduction Coefficient 0.80

Acoustic testing to ISO 354. University of Auckland Testing Service Tested with 400mm | 14.75" airgap. Accent Ceiling Tiles - Square Edge - Test No. T1108-1

	University of Auckland Test report Number	125	250	500	1000	2000	4000	NRC
Accent Ceiling Tiles with 300mm airgap	T1632-2	0.70	0.80	0.80	0.90	1.00	1.00	0.85

### SOUND PRIVACY

CAC (dB): 17 +/- 5 Dn,c,w(dB): 15 +/- 5  
Marshall Day Acoustics, 24 March 2011 (Report Number Rp001 2011084A)

### PHYSICAL DESCRIPTION / PROPERTIES

Boiling Point:	N/A
Melting Point:	250°C   482°F
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

### CARE AND MAINTENANCE

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

