

Autex Composition™ is manufactured by Autex Industries Ltd and Autex Pty Ltd under an ISO 9001 accredited Quality and Management System. The 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 of the performance properties stated within this guarantee.

Product Name	Autex Composition™
Description	100% polyester needle punched, thermally bonded wallcovering
Roll Dimensions	48" x 82'
Thickness	0.39" - 0.47"
Weight	5.25 oz/ft ²

Composition

100% Polyester Fiber from polyethylene terephthalate (PET). Autex Composition™ contains a minimum of 60% recycled polyester fiber.

Suitable applications

Tackboard, hook-and-loop receptive surface, acoustic wallcovering. Accepts tacks and staples.

Color Fastness to Light

Autex Composition™ is suitable for indoor use only. Color and light-fastness are dependent on use and exposure.

Autex Composition™ fabric has been tested to the following standard:

ISO105-B02-1994 (Grey Scale 1-5):

Light Fastness Rating: 3

TSL 9002

Light Fastness Rating: 6-7 (7 = highest)

Color Fastness to Rubbing

AS2001.4.3 | Wet 4-5 | Dry 4-5 (5 = highest)

Fire Ratings

ISO 9705: 1993

Classification: Group 1-S

Smoke Production Rate: <5.0m²/s

As required by NZBC C/VM2

ASTM E-84

Class A, FS:5 - SD:25

RJ3297-9 dated 13th June, 2014

AS ISO 9705 - 2003

Classification: Group 1

(SMOGRARC): <100m²/s²

As required by BCA C1.10

FI 4894 dated 6th June, 2012

Acoustic Performance

Autex Composition™ is specifically designed to reduce and control reverberated (echo) noise in building interiors.

Noise Reduction Coefficient 0.40

Acoustic testing to ASTM C423-99. University of Auckland Testing Service
Composition™ - Test No. T0814-2b

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
Composition®	0.05	0.10	0.25	0.55	0.80	0.95	0.40

Thermal Performance RO.22 (@59°F)

Toxicity

Polyester is classed as no more toxic than wood under the state of New York Article 15 part 1120. Polyester is pH7.8 (where pH7.0 is neutral), resistant to biological, bacterial or vermin attack.

Impact Resistance

Autex Composition™ has been impact resistance tested to EN13964:2004 and meets the criteria of Class1A; not adversely affected at impact velocities over 52.5ft/s

Finish

Non-woven. No pattern repeat but Autex Composition™ has a directional grain. Product may vary from samples and batch to batch due to fiber blending and lay-up which is an inherent feature of this product.

Physical description / properties

Boiling Point:	N/A
Melting Point:	428°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.