

Composition® Acoustic Fabric 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 | Composition® Acoustic Fabric |
| Description | 100% polyester needle punched, thermally bonded wallcovering |
| Roll Dimensions | 1.22m x 2.5m |
| Thickness | 10-12mm |
| Weight | Typically 1600gsm |

Composition

100% Polyester Fibre from polyethylene terephthalate (PET). Acoustic Fabric contains a minimum of 60% recycled polyester fibre.

Suitable applications

Pinboard, hook-and-loop receptive surface, acoustic wallcovering. Accepts pins and staples.

Colour Fastness to Light

Composition® Acoustic Fabric is suitable for indoor use only. Colour and light-fastness are dependent on use and exposure.

Autex Veriface® 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)

Colour 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

AS ISO 9705 - 2003

Classification: Group 1

(SMOGRARC): <100m2/s2

As required by BCA C1.10

Fl 4894 dated 6th June, 2012

EN13501-1:2007+A1:2009

B - s1, d0

Report 189053 dated 7th December, 2009

Acoustic Performance

Composition® Acoustic Fabric 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® Acoustic Fabric - Test No. T0814-2b

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

Thermal Performance R0.22 (@15°C)

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

Composition® Acoustic Fabric has been impact resistance tested to EN13964:2004 and meets the criteria of Class 1A; not adversely affected at impact velocities over 16.5m/s.

Finish

Non-woven. No pattern repeat but Composition® Acoustic Fabric has a 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.

Physical description / properties

| | |
|--------------------------|----------------|
| Boiling Point: | N/A |
| Melting Point: | 230°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 |

Care and Maintenance

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