

Reduce reverberated noise and add a vibrant feature to your environment with Composition™.

An acoustic and decorative wall fabric, Composition™ is the simple choice for managing echo and creating a durable interior solution. Available in a range of over 25 classic colours with hook-and-loop receptive surface, Composition™ provides the freedom to create a unique look in any space.

Made from Vertiface® fabric laminated to an acoustic, needle-punched and thermally bonded 100% polyester backing, Composition™ reduces the need for extensive wall preparation and painting.

Transform your walls into acoustic notice boards by taking advantage of Composition™'s pinnable and hook-and-loop receptive surface, providing the perfect complement for Primary schools and daycare, commercial offices, libraries and the hospitality industry.

Made from 100% polyester fibre; Composition™ contains a minimum of 60% recycled content and is manufactured under Autex's ISO 9001 and ISO 14001 accredited Quality and Environmental Management Systems. It is also moisture resistant so that it won't stain, rot or break down making Composition™ the safe, non-toxic, long-lasting and sustainable acoustic wall treatment.

Key Features and Benefits

- Excellent acoustic performance
- Available in a wide range of colours
- Custom colour printing available
- Limitless branding and design possibilities with in-house custom cutting
- Also available in a range of 600mm x 600mm Peel 'n' Stick tiles for personal design freedom
- Light-weight and easy to handle
- UV stabilised and resistant to colour fade
- Pin, staple and hook-and-loop receptive allowing Composition™ to be utilised as a display board
- Non-zip and non-fray for use with cut-ins and creating logos
- Made from 100% polyester fibre without chemical binders and certified low VOC
- Manufactured using a minimum of 60% post-consumer recycled material
- Highly durable providing long-term stability and performance
- Safe, non-toxic, non-irritant and non-allergenic
- Made in New Zealand and Australia
- Manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems
- Does not contain any Red List chemicals *

Applications

- Decorative and functional acoustic wallcovering for education, retail and commercial interiors
- Minimise noise in interior environments
- Media for creative solutions
- Acoustic pinboard surface for education and commercial sectors

Colour Options

Composition™ is available in a range of colours to suit many different applications.

Refer to the Composition™ Colour Guide available from the Autex website or your Account Manager.

Specification:

(Wall) treatment shall be Composition™ from non-woven needle-punched polyester containing not less than 60% post-consumer recycled material manufactured by Autex www.autexindustries.com

Roll 10-12mm (nom.) depth, colour (L), sound absorption: Class D, NRC 0.40, Fire ratings: ISO 9705: Classification: Group 1-S, AS ISO 9705 – 2003: Classification: Group 1, EN13501-1:2007+A1:2009: Classification: B - s1, d0

Install as per Autex recommendations.

If Composition™ is to be specified for use other than as a wallcovering, please seek guidance from your Autex Account Manager.

* Green Building Rating Compatibility certificate can be found on www.envirospec.co.nz or from your Autex Account Manager

Product Specifications

Product Name	Composition™
Composition	100% Polyester Fibre (PET)
Roll Dimensions	1.22m x 25m
Thickness	10-12mm
Weight	Typically 1600gsm
Finish	Available in fine velour
Hook-and-Loop	Hook size 1.5mm or less

Installation

Install as per Autex recommendations.
If Composition™ is to be specified for use other than as a wallcovering, please seek guidance from your Autex Account Manager.

Fastness to Light

Composition™ is suitable for indoor use only and has been tested to the following standard:
ISO 105-B02-1994 (Grey Scale 1–5)
Light Fastness Rating: 3

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
FI 4894 dated 6th June, 2012

EN13501-1:2007

B - s1, d0
Report 189053 dated 7th December, 2009

VOC Emissions

Autex polyester has been tested by Cetec Pty Ltd (Report: CV080408) for chemical emission and is classified as low VOC.
VOC concentration: 0.01 mg/m³

Moisture Absorption

Polyester fibre when exposed to an atmosphere of 50°C at 90% relative humidity for four days showed moisture absorption of less than 0.03% by weight. Polyester is not affected by moisture, mould or mildew and will not rot or deteriorate in intended use situations.

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 Composition™ requires the services of a specialist cleaning company.

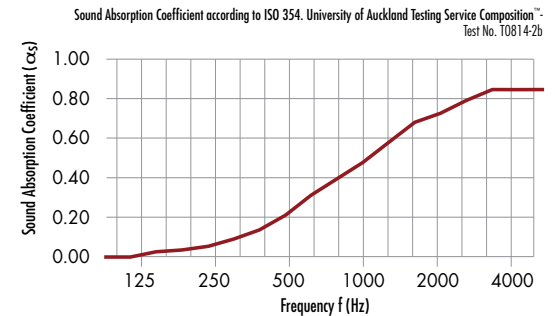
Thermal Performance (Internally tested by Autex Technical Department)

Composition™ RO.22 (@15°C)

Acoustic Performance

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

Minimum Noise Reduction Coefficient 0.40



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

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.

Impact Resistance

Composition™ 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.

Environmental

Autex is committed to best practice through our ISO 9001 and ISO 14001 accredited Quality and Environmental Management Systems.

Composition™ products contains a minimum of 60% previously recycled polyester fibre (from PET bottle-flake) ensuring comparatively low embodied energy. Off-cuts and manufacturing waste is re-used or recycled wherever possible. Uncontaminated Composition™ can be recycled.

Composition™ is manufactured from 100% polyester fibres and does not contain formaldehyde binders. Autex polyester fibres support safer indoor air quality and will not become a potential airborne pollutant.

Service

For further information about Composition® or any other Autex product, please contact your Autex Account Manager or visit our website.

Composition™ is a trademark of Autex Pty and is manufactured in New Zealand by Autex Industries Ltd and in Australia by Autex Pty Ltd.