

An acoustic and decorative wall fabric; Symphony® was developed specifically to manage reverberated noise and create modern durable interior solutions. Available in a range of over 25 premium colours with a smooth sophisticated flat pile, Symphony® offers unlimited design options.

Symphony® is constructed using Autex Vertiface® fabric laminated to an acoustic, needle-punched and thermally bonded 100% polyester backing. Adhered to the wall substrate, Symphony® reduces the need for extensive wall preparation and painting.

Ideal for use on vertical surfaces; Symphony® can also be used as a pinboard, effectively transforming your walls into acoustic notice boards.

Symphony® is suited to the Tertiary and Secondary education sectors, commercial offices, theatres, libraries, retail and the hospitality industry. Apply Symphony® as a simple yet sophisticated high-end solution to controlling noise in interior environments.

Made from 100% polyester fibre; Symphony® contains a minimum of 60% recycled content and is manufactured under ISO 9001 and ISO 14001 accredited Quality and Environmental Management systems.

Key Features and Benefits

- High performance acoustic wallcovering
- Diverse functionality including pinboard surface
- Design flexibility with a range of over 25 colours
- Limitless branding and design possibilities with in-house custom cutting
- Light-weight and easy to handle and install
- 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
- Manufactured under ISO 9001 and ISO 14001 accredited Quality and Environmental Systems
- Does not contain any Red List chemicals *

Applications

- Decorative acoustic wallcovering for Tertiary and Secondary education, commercial offices, theatres, libraries, retail and the hospitality industry
- Interesting and functional feature piece to liven up an otherwise neutral space
- Acoustic pinboard surface for education and commercial sectors
- Custom cutting medium for effective logo and branding representation

Colour Options

Symphony® is available in a range of sophisticated colours to suit many different applications.

Refer to the Symphony® Colour Guide available on the Autex website or from your Account Manager.

Custom Design Options

Designed with flexibility in mind, Symphony® can be cut to create inspiring designs and creative solutions where functionality and aesthetics are crucial.

Utilising our specialised custom cutting services, you can immortalise your design or logo and create unique brand awareness.

Specification:

(Wall) treatment shall be **Autex Symphony®** from thermally bonded high density polyester containing not less than 60% post-consumer recycled material as manufactured by Autex www.autexindustries.com

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

Install as per Autex recommendations. If Symphony® 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	Autex Symphony®
Composition	100% Polyester Fibre (PET)
Roll Dimensions	1.22m x 25m
Thickness	10-12mm
Weight	Typically 1600gsm
Finish	Available in a flat-pile finish

Installation

Install as per Autex recommendations.

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

Fastness to Light

Symphony® 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

Fl 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 Symphony® requires the services of a specialist cleaning company.

Thermal Performance

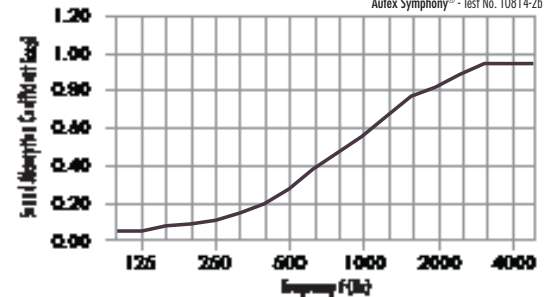
(Internally tested by Autex Technical Department)
Symphony® R0.22 (@15°C)

Acoustic Performance

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

Minimum Noise Reduction Coefficient 0.40

Sound Absorption Coefficient according to ISO 354. University of Auckland Testing Service
Autex Symphony® - Test No. T0814-2b



Frequency (Hz)	100	250	500	1000	2000	4000	NRC
Symphony®	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

Symphony® has been impact resistance tested to EN 13964:2004 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.

Symphony® 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.

Untampered Symphony® can be recycled.

Symphony® 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 Symphony® or any other Autex product, please contact your Autex Account Manager or visit our website.

Symphony® is a trademark of Autex Industries Limited and Autex Pty. Symphony® is proudly manufactured in New Zealand by Autex Industries Ltd and in Australia by Autex Pty Ltd.