



**Product
overview**

Symphony® is a roll form acoustic wallcovering with a sleek, flat finish. Designed as a high-performance alternative to paint and wallpaper, Symphony has a pinnable surface—perfect for acoustic pinboards and creative studio spaces.

Specification

(Wall) treatment shall be Symphony made from thermally bonded high density polyester containing not less than 60% recycled material as manufactured by Autex www.autexglobal.com

Install as per Autex Acoustics recommendations. If Symphony is to be specified for use other than as a wallcovering, please seek guidance from your account manager.

Roll 10 - 12 mm (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,
BS EN 13501-1:2018: B - s1, d0.

Colour options

 Raspberry	 Calypso	 Wasabi	 Sapphire
 Brilliant Orange	 Blush	 Lime	 Stonewash
 Citrus	 Myst	 Jade	 Stately
 Clay	 Sanz	 Granny Smith	 Atlantis
 Simba	 Fawn	 Avocado	 Electric Blue
 Blazing Red	 Civic	 Spearmint	 Porcelain
 Vintage	 Silver	 Sage	 Ink
 Chilli Red	 Koala	 Azure	 Lightsout
 Theatre	 Bark	 Emerald	 Charcoal
 Phantom	 Cinder	 Octane	 Noir



Product specifications

Product name	Symphony®
Composition	100% polyester fibre (PET)
Roll dimensions	1.22 m x 25 m
Tolerance	(+5 mm) (+10 mm)
Thickness	10 - 12 mm
Weight	1730 gsm

Installation

Install as per Autex Acoustics recommendations. Install instructions are included in each pack or available on the website. If Symphony is to be specified for use other than as a wallcovering, please seek guidance from your account manager.

Product specifications

Fire rating

Symphony has been evaluated using the following test methods:

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
(SMOGR_{arc}): <100m²/s²
Assessed using methodology AS ISO 9705:2003 in accordance with AS 5637:1.2015 as required by BCA Specification C110-4
FI 4894 FAR 4055-2

BS EN 13501-1:2018

Classification: B-s1,d0
Tested using BS EN ISO 11925-2:2020 and BS EN 13823:2020 and classified in accordance with BS EN 13501-1:2018, as required by BS EN 15102:2007 + A1:2011.
EUI-21-000135-C

ASTM E84 - 14

Class A, FS:5 - SD:25
Report RJ3297-9R1

VOC emissions

Autex Acoustics polyester has been tested for chemical emissions in accordance with ASTM D5116 and is considered a low VOC product.
VOC concentration:
0.009 mg/m³ (7 days)

Water vapour sorption

ASTM C1104 / C1104M-13a
Test conditions: 49°C, 95%RH
Water vapour absorbed and adsorped after 4 days:
0.4% by weight

Impact resistance

ISO 7892:1988

Hard body impact

There is no surface damage or penetration to Symphony when subjected to hard body impacts. When adhered to 10 mm plasterboard, the system can resist a 9 joule impact. This is equivalent to the impact of a 0.5 kg object dropped from a 2 m height. A small indentation might be observed when subjected to an impact equivalent to the impact of a 0.5 kg object dropped from a 0.5 m height.

Soft body impact

There is no surface damage or penetration to Symphony when subjected to soft body impacts. When adhered to 10 mm plasterboard, the system can resist a 70 joule impact. This is equivalent to the impact of a 50 kg object dropped from a 150 mm height.

Colour fastness to light

Symphony is suitable for indoor use only. Light fastness is dependent on use and exposure. Symphony has been evaluated to the following standard: ISO 105-B02:2014
Rating: 6 (Highest = 7).

Colour fastness to rubbing

ISO 105-X12:2016

Dry rating: 4-5 (Highest = 5)
Wet rating: 4-5 (Highest = 5)

Pattern repeat

Non-woven. No pattern repeat due to fibre blending and lay-up, which is an inherent feature of this product.

Microbial resistance

ASTM G21-15
Growth rating: 0 (No growth)
Symphony does not promote the growth of moulds and mildew.

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.

Environmental

Autex Acoustics is committed to best practice through our ISO 14001 certified Environmental Management Systems.

Symphony contains a minimum of 60% previously recycled polyester fibre (from PET bottle-flake). Off-cuts and manufacturing waste are re-used or recycled wherever possible.

Symphony is manufactured from 100% polyester fibre and does not contain formaldehyde binders. Autex Acoustics polyester fibre supports safer indoor air quality and will not become a potential airborne pollutant.

Service

For further information about Symphony or any other Autex Acoustics product, please contact your account manager or visit our website.



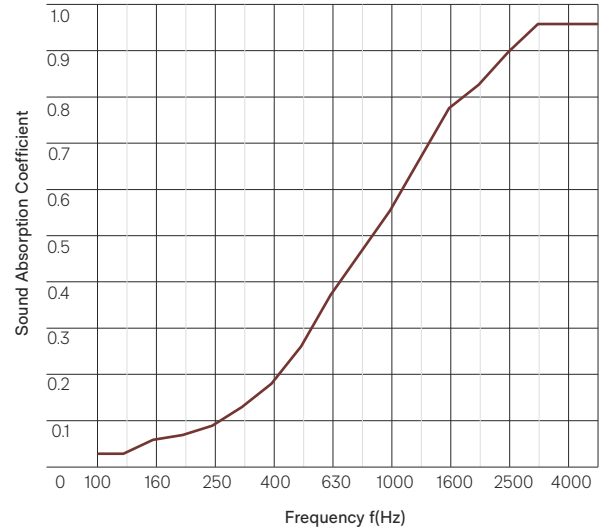
Acoustic performance

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

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
● Symphony (10 mm - 12 mm)	0.02	0.08	0.25	0.54	0.81	0.94	0.40

Table presents the practical sound absorption coefficients as according to ISO 11654. Graph presents third octave sound absorption coefficients (according to ISO 354 measurement of sound absorption in a reverberation room). The NRC rating is determined as the arithmetic average of the absorption coefficients measured by one-third octave bands centred on 250 Hz, 500 Hz, 1000 Hz and 2000 Hz.

Sound Absorption Coefficients according to ISO 354.
University of Auckland Testing Service
Symphony 10 mm - 12 mm - Test No: T0814-2b



Light reflectance values by colour

Symphony is suitable for indoor use only. LRVs were measured in accordance with BS 8493:2008+A1:2010

Civic	57	Koala	12
Citrus	49	Avocado	11
Myst	42	Sage	9
Sanz	36	Emerald	8
Wasabi	33	Sapphire	8
Lime	29	Atlantis	8
Azure	24	Blazing Red	8
Silver	23	Raspberry	8
Jade	22	Vintage	6
Porcelain	22	Chilli Red	5
Calypso	13	Cinder	5
Fawn	20	Bark	5
Clay	20	Octane	5
Granny Smith	20	Phantom	4
Stone wash	19	Theatre	3
Simba	18	Stately	3
Brilliant Orange	15	Charcoal	3
Spearmint	13	Lightsout	3
Calypso	13	Ink	3
Electric Blue	12	Noir	1



Caring for the environment

Symphony is manufactured using 100% polyester fibre and contains a minimum of 60% recycled fibre (from PET plastics). Our products are designed to be recycled at the end of their life too.

We have continual improvement programmes in which we implement a range of initiatives to mitigate the environmental 'hotspots' that we have identified. Our products are GreenRate Level A, Health Product Declaration (HPD), and CDHP Standard certified.

Symphony is DeclareSM certified to be Red List free and can be used in Living Building Challenge projects. Autex has a high functioning Environmental Management System (ISO 14001) to enhance our environmental performance and contribute to sustainable development.



● **Autex Industries Ltd**
702-718 Rosebank Rd
Private Bag 19988
Avondale 1746, Auckland
New Zealand
Freephone 0800 428 839
Phone +64 9 828 9179
Fax +64 9 828 5810

● **Autex Australia Pty Ltd**
166 Bamfield Road
PO Box 5099
West Heidelberg, Melbourne
VIC 3081, Australia
Freephone 1800 678 160
Phone +61 3 9457 6700
Fax +61 3 9457 1020

● **Autex Acoustics Ltd**
Unit J4, Lowfields Way,
Lowfields Business Park,
Elland, West Yorkshire
Hx5 9Da
United Kingdom
Phone +44 0 1422418899

● **Autex Acoustics LLC**
1630 Dan Kipper Dr,
Riverside, CA 92507
United States of America
Phone +1 424 203 1813

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