



**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.

**Sustainable material**

- Carbon neutral product
- Zero carbon manufacturing
- Recycled content  
- >60% recycled material
- Low VOC and CDPH compliant  
- <0.0035 mg/m3 (7 days)
- Zero waste manufacturing initiative
- Sustainable supply chain and anti-modern slavery

**Environmental  
certifications**

- EPD – compliant with ISO 14025 and ISO 15804
- Declare – Red List free (third party verified)
- ISO 14001 Certified Environmental Management
- Health Product Declaration
- CDPH Standard



**Certifying your  
green building**

Autex Acoustics products meet criteria for WELL, LEED, Green Star, and BREEAM building rating systems, helping you achieve certification for your project. For support and guidance on available rating system points please visit [www.autexglobal.com](http://www.autexglobal.com), or speak with your Autex Acoustics account manager.

**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](http://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 ( ), 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.



## Product specifications

<b>Product name</b>	Symphony®
<b>Composition</b>	100% polyester fibre (PET)
<b>Roll dimensions</b>	1.22 m x 25 m
<b>Tolerance</b>	(+5 mm) (+10 mm)
<b>Thickness</b>	10 - 12 mm
<b>Weight</b>	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:  
<5.0m<sup>2</sup>/s  
As required by NZBC C/VM2

#### AS ISO 9705 - 2003

Classification: Group 1  
(SMOGR<sub>ARC</sub>): <100m<sup>2</sup>/s<sup>2</sup>  
Assessed using methodology AS ISO 9705:2003 in accordance with AS 5637:2015 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

### 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 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.

### 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.

### Service

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

## Acoustic performance

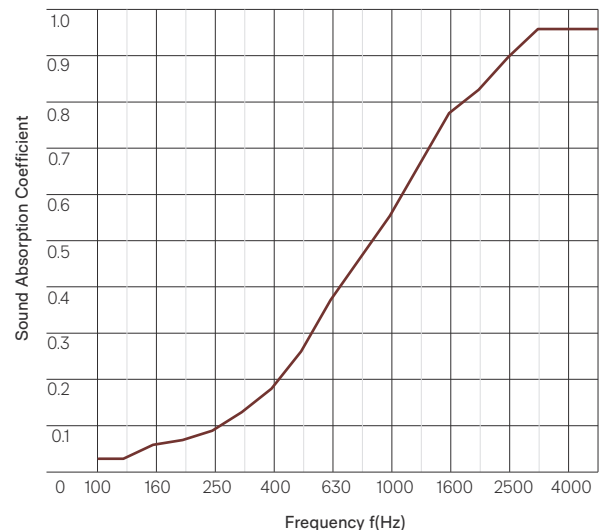
Symphony is specifically designed to reduce and control reverberated noise and echo in building interiors.

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
● <b>Symphony</b> (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

● **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

An ISO 9001, ISO 14001 and ISO 45001 certified company. The brand names and logos mentioned herein are registered or unregistered trademarks either owned or used under license by Autex Industries Limited or other members of the Autex Group. The contents of this document are protected by Copyright 2021 Autex Industries Ltd. All Rights Reserved. It is the user's responsibility to determine if the product and information presented in this document is suitable for the intended application by engaging a suitably qualified consultant. The information contained in this document is correct to the best of our knowledge at the date of its publication. To verify that this document is the most current publication please check our website or contact your Autex account manager.