Autex Acoustics	Symphony®	Data Sheet
Product overview	Symphony <sup>®</sup> 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	<ul> <li>Carbon neutral product</li> <li>Zero carbon manufacturing</li> <li>Recycled content <ul> <li>&gt;60% recycled material</li> </ul> </li> </ul>	<ul> <li>Low VOC and CDPH compliant <ul> <li>&lt;0.0035 mg/m3 (7 days)</li> </ul> </li> <li>Zero waste manufacturing initiative</li> <li>Sustainable supply chain and anti-modern slavery</li> </ul>
Environmental certifications	<ul> <li>EPD – compliant with ISO 14025 and EN 15804</li> <li>Declare – Red List free (third party verified)</li> </ul>	<ul> <li>ISO 14001 Certified Environmental Management</li> <li>Health Product Declaration</li> <li>CDPH Standard</li> </ul>
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.autexacoustics.co.uk, 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.autexacoustics.co.uk	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 8 - 10 mm (nom. depth), colour (_), sound absorption: Class D, NRC 0.30 Fire rating BS EN 13501-1:2018: B - s1, d0.	

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#### Product specifications

Product name Composition Roll dimensions Tolerance Thickness Weight Symphony® 100% polyester fibre (PET) 1.22 m x 25 m (+5 mm) (+10 mm) 8 - 10 mm 1730 gsm

## Product specifications

#### Fire rating

Symphony has been evaluated using the following test methods:

#### BS EN 13501-1:2018

Classification: B-s1,d0 Tested using BS EN ISO 11925-22020 and BS EN 13823/2020 and classified in accordance with BS EN 13501-12018, as required by BS EN 151022007 + A12011. EUI-21-000135-C

#### 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.

#### 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.

#### 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 layup, 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. With an NRC 0.30.

NRC value is an estimate calculated from flow resistivity values obtained in accordance with ISO 9053-12018 or ASTM C522-03. Not to be considered as a guarantee of acoustic performance.



# Light reflectance values by colour

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

Acros	30
Atlantis	8
Beehive	30
Blazing Red	8
Calypso	13
Canyon	14
Caspian	3
Cavalier	10
Chilli Red	5
Electric Blue	12
Empire	3
Falling Water	32
Flatiron	23
Gherkin	5
Granny Smith	20
Highland	14
Ink	3
Jade	22
Koala	12

Lime	29
Muralla	7
Myst	42
Octane	5
Opera	47
Parthenon	28
Petronas	1
Pinnacle	2
Porcelain	22
Sage	9
Sargazo	2
Savoye	44
Senado	45
Simba	18
Spearmint	13
Stonewash	19
Terrace	18
Tree House	2
Vintage	6

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