



# INTERIOR ACOUSTICS

# **SYMPHONY®**

## MANUFACTURERS GUARANTEE

Autex Symphony® is manufactured by Autex Industries Ltd under an ISO 9001 accredited Quality and Management System. The product is guaranteed to be free from manufacturing defects and carries a Manufacturer's Guarantee for a period of no less than ten years to meet all of the performance properties stated within this guarantee.

<b>Product Name</b>	Symphony
<b>Description</b>	100% polyester needle punched, thermally bonded wallcovering
<b>Roll Dimensions</b>	1.22m x 25m
<b>Thickness</b>	10-12mm
<b>Weight</b>	Typically 1600gsm

### COMPOSITION

100% Polyester Fibre from polyethylene terephthalate (PET). Symphony contains a minimum of 60% recycled polyester fibre.

### SUITABLE APPLICATIONS

Acoustic wallcovering. Accepts pins and staples.

### COLOUR FASTNESS TO LIGHT

Symphony is suitable for indoor use only. Colour and light-fastness are dependent on use and exposure.

Symphony has been tested and is guaranteed to perform to the following standards:

#### TSL 9002

Light Fastness Rating: 6-7 (7= highest)

#### ISO105-B02-1994 (Grey Scale 1-5):

Light Fastness Rating: 3

### COLOUR FASTNESS TO RUBBING

AS2001.4.3 | Wet 4-5 | Dry 4-5 (5 = highest)

### THERMAL PERFORMANCE

R0.22 (@15°C)

### 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+A1:2009

B - s1, d0

Report 189053 dated 7th December, 2009

### ACOUSTIC PERFORMANCE

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

Noise Reduction Coefficient 0.40

Acoustic testing to ASTM C423-99. University of Auckland Testing Service Symphony - Test No. T0814-2b

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

### TOXICITY

Polyester is classed as no more toxic than wood under the state of New York Article 15 part 1120. Polyester is pH7.8 (where pH7.0 is neutral), resistant to biological, bacterial or vermin attack.

### IMPACT RESISTANCE

Symphony has been impact resistance tested to EN13964:2004 and meets the criteria of Class1A; not adversely affected at impact velocities over 16.5m/s.

### FINISH

Non-woven. No pattern repeat but Symphony has a 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.

### PHYSICAL DESCRIPTION / PROPERTIES

Boiling Point:	N/A
Melting Point:	230°C
Vapour Pressure:	N/A
Specific Gravity:	Polyester 1.38
Flash point:	N/A
Explosive limits:	N/A
Solubility in water:	Not soluble
Alkalinity:	pH 7.8
Relative Vapour Density:	N/A

### CARE AND MAINTENANCE

Maintain in accordance with the Care and Maintenance Guide available for this product.

