Symphony®

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.

Product Name   Symphony®

Description   100% polyester needle punched, thermally bonded wallcovering

Roll Dimensions   1.22m x 25m

Thickness   10-12mm

Weight   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
(SMOGRA_RC): <100m2/s2
As required by BCA C1.10
FI 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: 250°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.

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