

# INTERIOR ACOUSTICS

# **SORDINO™**

## MANUFACTURERS GUARANTEE

Autex Sordino™ 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>	Sordino™
<b>Description</b>	100% polyester needle punched, thermally bonded wallcovering
<b>Roll Dimensions</b>	48" x 82'
<b>Thickness</b>	0.40" - 0.47"
<b>Weight</b>	Typically 56.4 oz/ft <sup>2</sup>

### COMPOSITION

100% Polyester Fiber from polyethylene terephthalate (PET). Sordino contains a minimum of 60% recycled polyester fiber.

### SUITABLE APPLICATIONS

Acoustic wallcovering. Accepts tacks and staples.

### COLOR FASTNESS TO LIGHT

Sordino™ is suitable for indoor use only. Color and light-fastness are dependent on use and exposure.

Sordino™ 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

### COLOR FASTNESS TO RUBBING

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

### FIRE RATINGS

#### ISO 9705: 1993

Classification: Group 1-S

Smoke Production Rate: <5.0m<sup>2</sup>/s

As required by NZBC C/VM2

#### ASTM E-84

Class A, FS:5 - SD:25

RJ32979 dated 13th June, 2014

#### AS ISO 9705 - 2003

Classification: Group 1

(SMOGRARC): <100m<sup>2</sup>/s<sup>2</sup>

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

Sordino 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 Sordino - Test No. T0814-2b

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

### THERMAL PERFORMANCE

R0.22 (@59°F)

### 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

Sordino™ has been impact resistance tested to EN13964:2004 and meets the criteria of Class 1A; not adversely affected at impact velocities over 16.5m/s.

### FINISH

Non-woven. No pattern repeat but Sordino™ has a directional grain. Product may vary from samples and batch to batch due to fiber blending and lay-up which is an inherent feature of this product.

### PHYSICAL DESCRIPTION / PROPERTIES

Boiling Point:	N/A
Melting Point:	482°F
Vapor 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 Vapor Density:	N/A

### CARE AND MAINTENANCE

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

