Product overview

Sordino™ is a roll form acoustic wallcovering with a sleek, flat finish. Designed as a high-performance alternative to paint and wallpaper, Sordino has a tackable surface—perfect for acoustic tackboards and creative studio spaces.

Sustainable material

- Carbon neutral product
- Zero carbon manufacturing
- Recycled content
  - >72% recycled material
- Low VOC and CDPH compliant
  - <0.0035 mg/m^3 (7 days)
- Zero waste manufacturing initiative
- Sustainable supply chain and anti-modern slavery

Environmental certifications

- EPD – compliant with ISO 14025 and EN 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 autexacoustics.com, or speak with your Autex Acoustics account manager.

Specification

(Wall) treatment shall be Sordino made from thermally bonded high density polyester containing not less than 72% recycled material as manufactured by Autex Acoustics autexacoustics.com

Roll 0.4" - 0.5"(nom. depth), color (_), sound absorption: 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.

Install as per Autex Acoustics recommendations. If Sordino is to be specified for use other than as a wallcovering, please seek guidance from your Autex Acoustics account manager.

Product specifications

Product name	Sordino™
Composition	100% polyester fiber (PET)
Roll dimensions	48" x 36"
Tolerance	(+0.2") x (+0.4")
Thickness	0.4" - 0.5"
Weight	5.51 oz/ft^2

Installation
Install as per Autex Acoustics recommendations. Install instructions are included in each pack or available on the website. If Sordino is to be specified for use other than as a wallcovering, please seek guidance from your Autex Acoustics account manager.

Product specifications

Fire rating
Sordino has been evaluated using the following test methods:

ISO 9705: 1993
Classification: Group 1-S
Smoke production rate: <5.0m^2/s
As required by NZBC C/VM2

AS ISO 9705 - 2003
Classification: Group 1
(SMOGRArc): <100m^2/s2
Assessed using methodology AS ISO 9705:2003 in accordance with AS 5637.1:2015 required by NCC Specification 7: Fire Hazard properties: S7C4
FI 4894
FAR 4055

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 RJ32971

Water vapor sorption
ASTM C1104 / C1104M-13a
Test conditions: 49°C, 95%RH
Water vapor 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 Sordino 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 Sordino 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.

Color fastness to light
Sordino is suitable for indoor use only. Light fastness is dependent on use and exposure. Sordino has been evaluated to the following standard:
ISO 105-B02:2014
Rating: 6 (Highest = 7).

Color 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 fiber blending and lay-up, which is an inherent feature of this product.

Microbial resistance
ASTM G21-15
Growth rating: 0 (No growth)
Sordino does not promote the growth of molds 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.
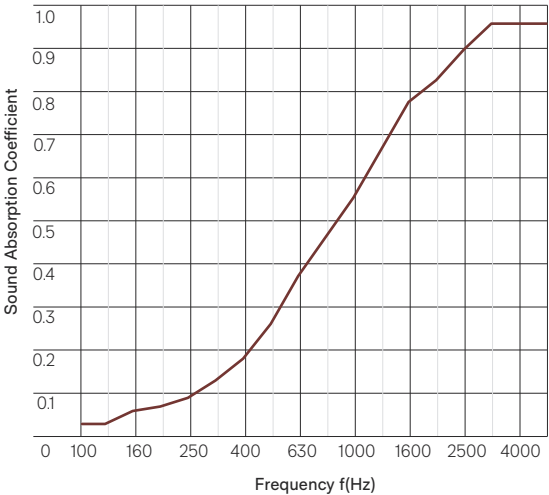
Acoustic performance

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

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
● Sordino (0.4" - 0.5")	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 centered on 250 Hz, 500 Hz, 1000 Hz and 2000 Hz.

Sound Absorption Coefficients According to ISO 354.
University of Auckland Testing Service
Sordino 0.4"- 0.5" - test no: T0814-2b

Light reflectance values by color

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

Color	LRV		Color	LRV
Acros	30		Lime	29
Atlantis	8		Muralla	7
Beehive	30		Myst	42
Blazing Red	8		Octane	5
Calypso	13		Opera	47
Canyon	14		Parthenon	28
Caspian	3		Petronas	1
Cavalier	10		Pinnacle	2
Chilli Red	5		Porcelain	22
Electric Blue	12		Sage	9
Empire	3		Sargazo	2
Falling Water	32		Savoye	44
Flatiron	23		Senado	45
Gherkin	5		Simba	18
Granny Smith	20		Spearmint	13
Highland	14		Stonewash	19
Ink	3		Terrace	18
Jade	22		Tree House	2
Koala	12		Vintage	6

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