



Lanes™

Data Sheet

Product Overview

Add a feature to any space with Lanes™, a battened style acoustic system made from 1/2" Cube™.

The air gap behind each lane provides enhanced low frequency sound absorption.

Available in three styles: Peak, Plane, and Sawtooth.

Sustainable Material

- Carbon neutral product
- Zero carbon manufacturing
- Recycled content
 - >80% recycled material
- Low VOC and CDPH compliant
 - <0.092 mg/m³ (7 days)
- Zero waste manufacturing initiative
- Sustainable supply chain and anti-modern slavery

Environmental Credentials

- 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 momentumco.com, or speak with your Momentum account manager.

Specification

(Wall) treatment shall be Lanes™ from thermally bonded high density polyester containing not less than 80% recycled material as manufactured by Autex Acoustics.

11 13/16" wide by 110" high. NRC 0.80 - 0.85.
Fire rating ASTM E-84-15a: Class A,
FS:0 - SD:45.

If Lanes is to be specified for use other than as a wallcovering, please seek guidance from your Momentum account manager.



Product Specifications

Product Name	Lanes™
Composition	100% polyester fiber
Width	Lanes are a series of 11 13/16" wide folded sections
Thickness	1/2" thick Cube, depth varies by design
Tolerance	(+/- 6%)

Thermal Performance

(Internally tested by Autex Lab)

Cube 1/2" R0.41 (@59°F)

Installation

Install as per Autex Acoustics recommendations.

Install instructions are included in each pack or available at momentumco.com. If Lanes is to be specified for use other than as a wallcovering, please seek guidance from your Momentum account manager.

Product Specifications

Fire Ratings

Cube has been evaluated using the following test methods.

ASTM E-84-15a

Class A, FS:0 - SD:45
(Cube 1/2")

RJ4479-2

Fire compliance information is available on request.

Please contact your Momentum account manager.

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.

Microbial Resistance

ASTM G21-15

Growth rating: 0 (No growth)

Lanes does not promote the growth of molds and mildew.

Color Fastness to Light

Lanes is suitable for indoor use only. Light fastness is dependent on use and exposure. Lanes 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)

Fabric Care

Custom printed Lanes requires the services of a specialist cleaning company. Refer to the Autex Acoustics Care and Maintenance Guide for more information.

Service

For further information about Lanes or any other Autex Acoustics product, please contact your Momentum account manager or or visit momentumco.com



Acoustic Performance

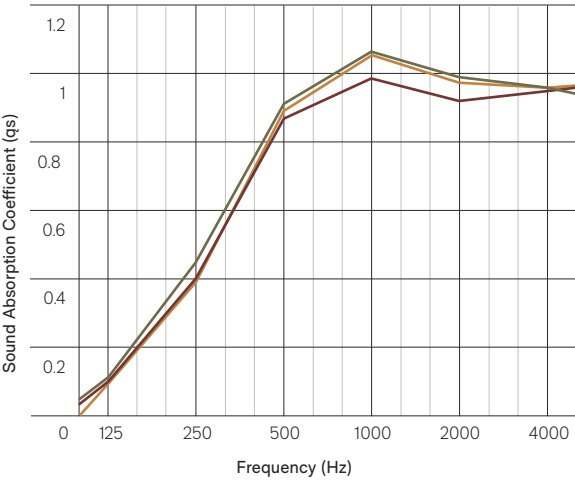
Lanes is specifically designed to reduce and control reverberated and echo noise in building interiors.

Frequency (Hz)	125	250	500	1000	2000	4000	NRC
Lanes Plane							
● Test Report No. T2228-11	0.10	0.40	0.85	1.00	0.95	0.95	0.80
Lanes Peak							
● Test Report No. T2228-10	0.15	0.45	0.85	0.95	0.90	0.95	0.80
Lanes Sawtooth							
● Test Report No. T2215-15	0.15	0.45	0.90	1.00	0.95	0.95	0.85

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 centred on 250 Hz, 500 Hz, 1000 Hz, and 2000 Hz and rounded to the nearest 0.05.

Absorption coefficient according to ISO 354 University of Auckland Testing Service

Lanes Plane - Test No. T2228-11
Lanes Peak - Test No. T2228-10
Lanes Sawtooth - Test No. T2215-15



Light Reflectance Values by Color

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

Acros	40	Opera	49
Beehive	33	Parthenon	33
Canyon	19	Pavilion	80
Caspian	6	Petronas	2
Cavalier	12	Pinnacle	3
Empire	5	Rushmore	41
Falling Water	34	Sargazo	4
Flatiron	24	Savoye	46
Gherkin	8	Senado	44
Herald	13	Terrace	24
Highland	19	Tree House	3
Muralla	9		

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