



Lanes™

● Peak
in Gherkin

● Autex Acoustics®,
New Zealand



**Product
overview**

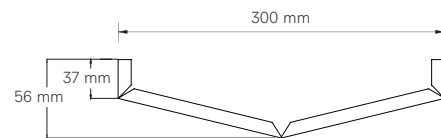
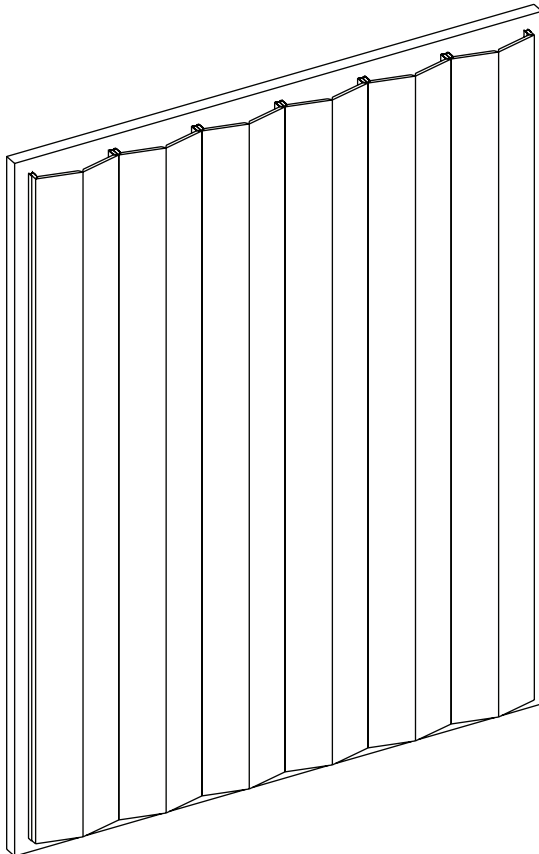
Add a feature to any space with Lanes™, a battened style acoustic system made from Cube™.

The airgap behind each lane provides enhanced low frequency absorption.

Available in three styles: Peak, Plane and Sawtooth.

Style options

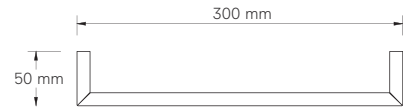
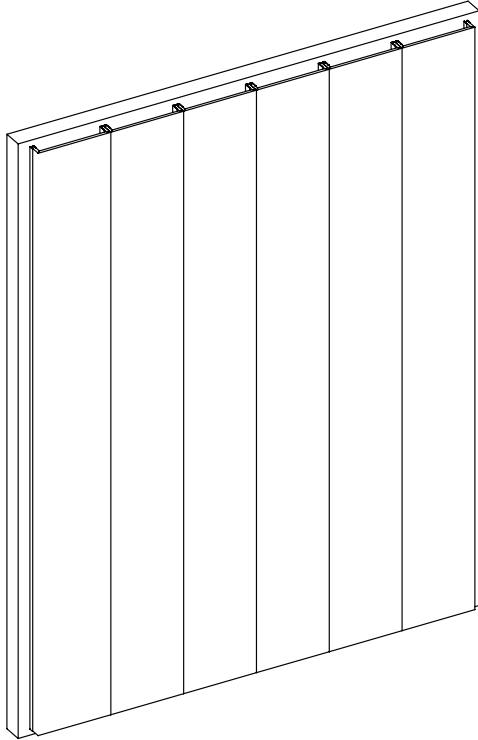
Peak



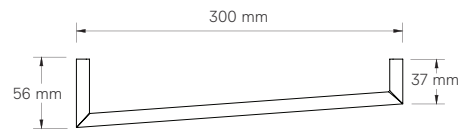
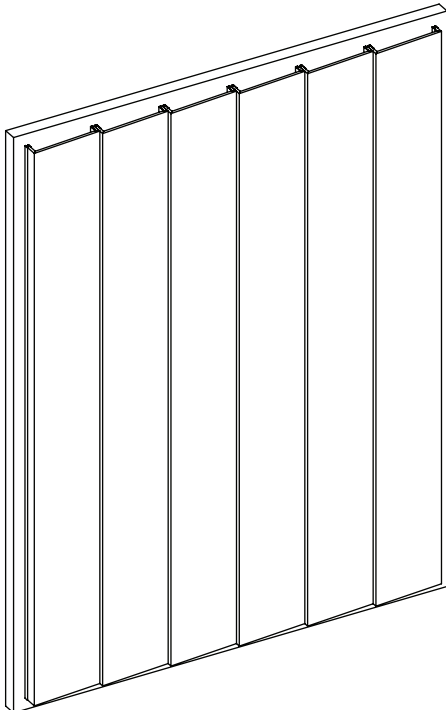


Style options continued

Plane



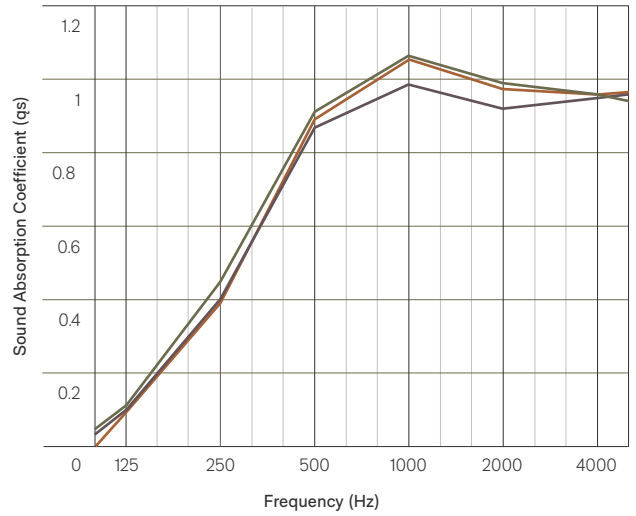
Sawtooth





Acoustic Performance

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.

Fire considerations

Lanes is made from 12 mm Cube™ as the base material. Cube panels have been evaluated with an air gap using the following test methods:

ISO 9705: 1993

Classification: Group 1-S

Smoke production rate: <5.0 m²/s

As required by NZBC C/VM2

AS 5637.1:2015

Classification: Group 1

(SMOGR_{Arc}): <100 m²/s²

Colour options

Refer to the Cube Colour Guide, or see our Surface Finishes Lookbook for texture, pattern and stone collections.

Specification considerations

Look to centre your block of Lanes in the middle of a wall, with an even gap either side. Please speak to your Autex Acoustics account manager regarding customisation of this product – MOQs apply.

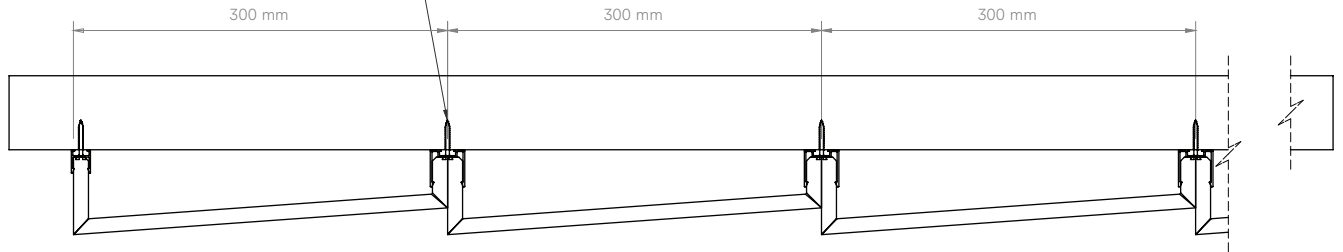
Edges

Installations require a vertical trim on each side. When Lanes are set up between two internal corners, leave an even gap to each wall.



Install plan view

RAFNEX24 Clips directly
screwed to wall with fixings
appropriate for substrate.



Top and bottom

Lanes should run from floor to ceiling with a minimum gap of 25 mm to either end.

Height

Lanes maximum height is 3.8 m (MOQs of 22 sqm in a single colourway apply). Anything higher will require a horizontal join. Horizontal joins can be created using a suitable timber or aluminium trim.

Electrical fittings

Seal off the cable hole with silicon to prevent air movement, then create packers to set the power point plate on top of the face of the laneway profile. For more information see install instructions.

Substrate preparation

Substrate must be stopped and sealed to prevent air movement.

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