



ENOSH MINK
Technology and media service

Enosh Perforated Wooden acoustic tiles





OVERVIEW

Enosh Acoustic solution for dynamic interior.

Enosh acoustic perforated tiles available in a variety of finishes , wich zchieve a high level of sound absorption , Enosh acoustic perforated tiles is highly durable and avaiable in many options to achieve the desired design .



The warmth of timber

Enosh Perforated wooden panels embraces the warmth of timber due to the ability to absorb noise and durable nature of the material , Enosh Perforated tiles are perfect for use in commercial interiors , lobbies, gymnasiums, restaurants, schools and residential spaces. constructed in sheet form for easy use as a wall finish or ceiling lining and also available in tile form

BEAUTIFUL ACOUSTIC SOLUTIONS



Enosh Acoustic perforated wood is made to order and can be tailored for bespoke projects. All sizes, timber selections and finishes can be customized, and perforations can be designed for bespoke projects.

The acoustic performance for it is dependent on the percentage of open area and the type of backing material and additional acoustic insulation is available. NRC range from 0.345 to 0.80, dependent on open area and acoustic insulation that is available in range of standard perforation patterns, standard sheet sizes are 1200x2400 mm for full sheets or 600x600mm and 600x1200mm, commonly used for ceiling.

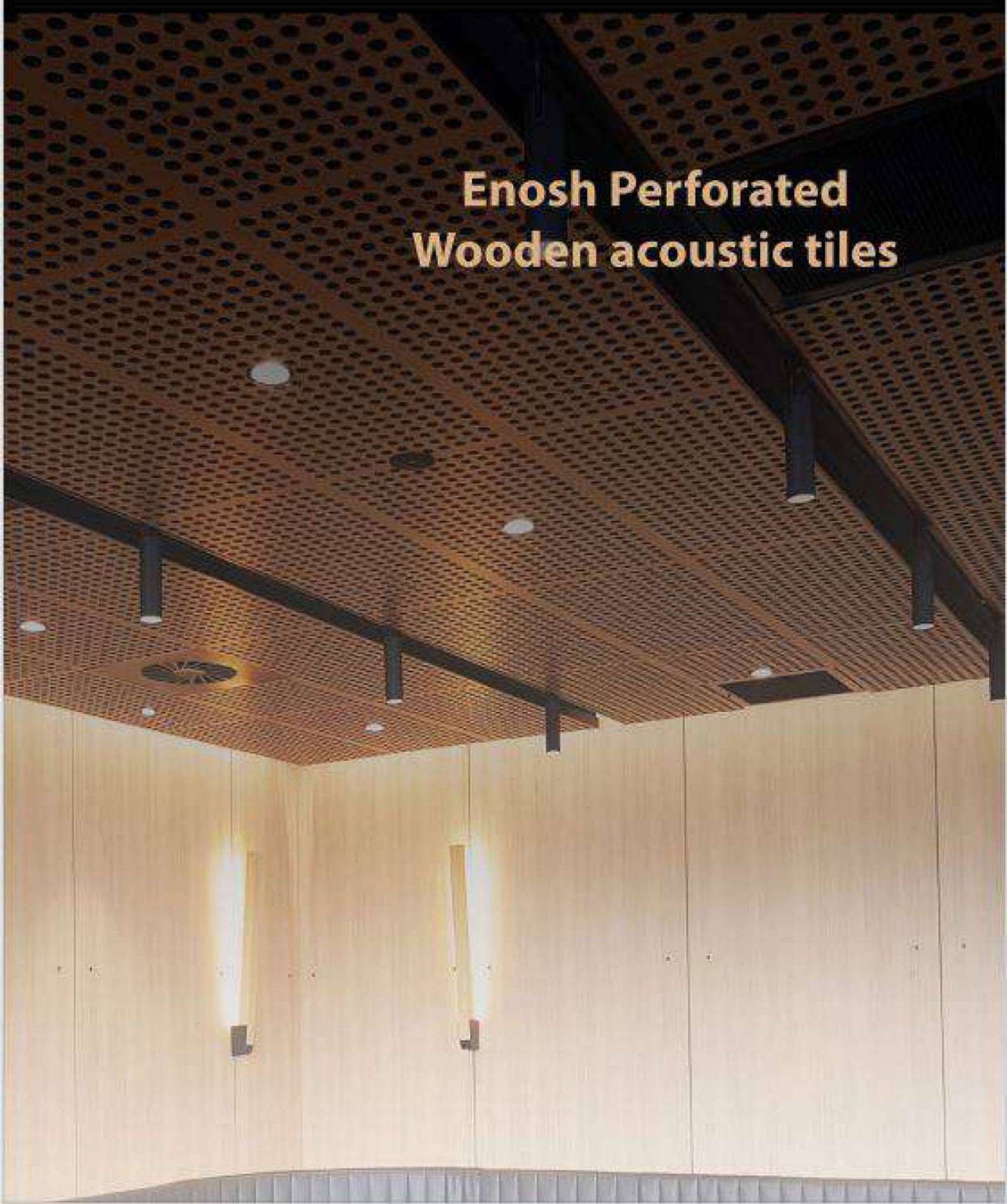
When using FR MDF, the panels can be cut on site without compromising the fire rating group 1-5.

Customised panels are available. T&R is able to assist with any bespoke feature panels.

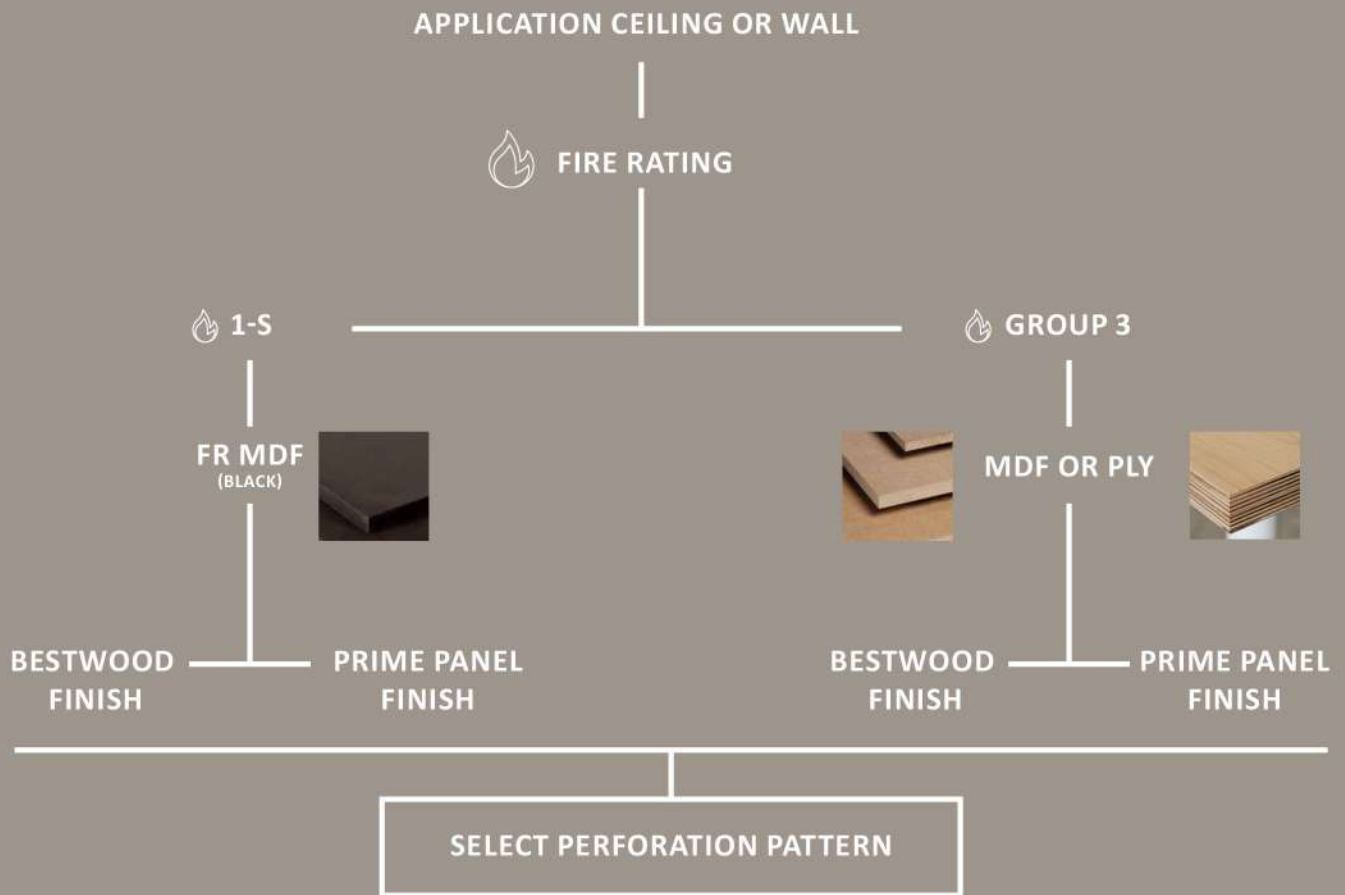


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MATERIAL SELECTION



FR MDF BLACK

FR MDF Black is a Group 1-S medium density fibre board. The FR MDF Black is mid-black in colour. FSC certified and Environmental Choice NZ accredited, it meets Class E1 requirements for formaldehyde levels (analysed according to EN 120) as defined in EN 622-1:2003 European Standard.

REGULAR MDF

New Zealand made regular grade MDF has an excellent strength quality and surface smoothness with superior edge profile. The panel achieves a Group 3 fire rating to NZBC.

FIRE GROUP NUMBER CHART

PROPERTIES	TEST METHOD	UNITS	RESULT
Prime Melamine on FR MDF Black	C/AS2	Group Number	Group 1-S
Prime Veneer on FR MDF Black coated with a 2 pack low yellowing polyurethane	C/AS2	Group Number	Group 1-S
Prime Veneer on MDF Standard	C/VM2	Group Number	Group 3
Prime FR MDF Black	C/AS2	Group Number	Group 1-S

WALL & CEILING LINING PANELS

2400x1200mm

WALL & CEILING LINING PANELS



Shirley Boys' and Avonside Girls' High Schools, ASC Architects (Bespoke)

STANDARD OFFERINGS

- Standard panel offerings are 1200x2400mm for wall and ceiling panels.
- Designs include a 50mm border.
- Panel thickness 12mm or 18mm.
- Perforations can be designed for bespoke projects.

TUATARA

With SBPE backing:

NRC 0.75

OPEN AREA 25%

Refer test report 2004-0447-121R7

With SBPE backing and R3.6 insulation:

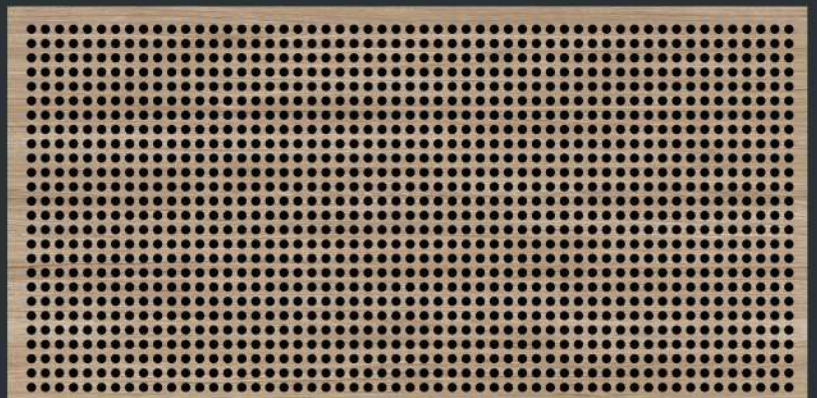
NRC 0.80

OPEN AREA 25%

Refer test report 2004-0447-123R7

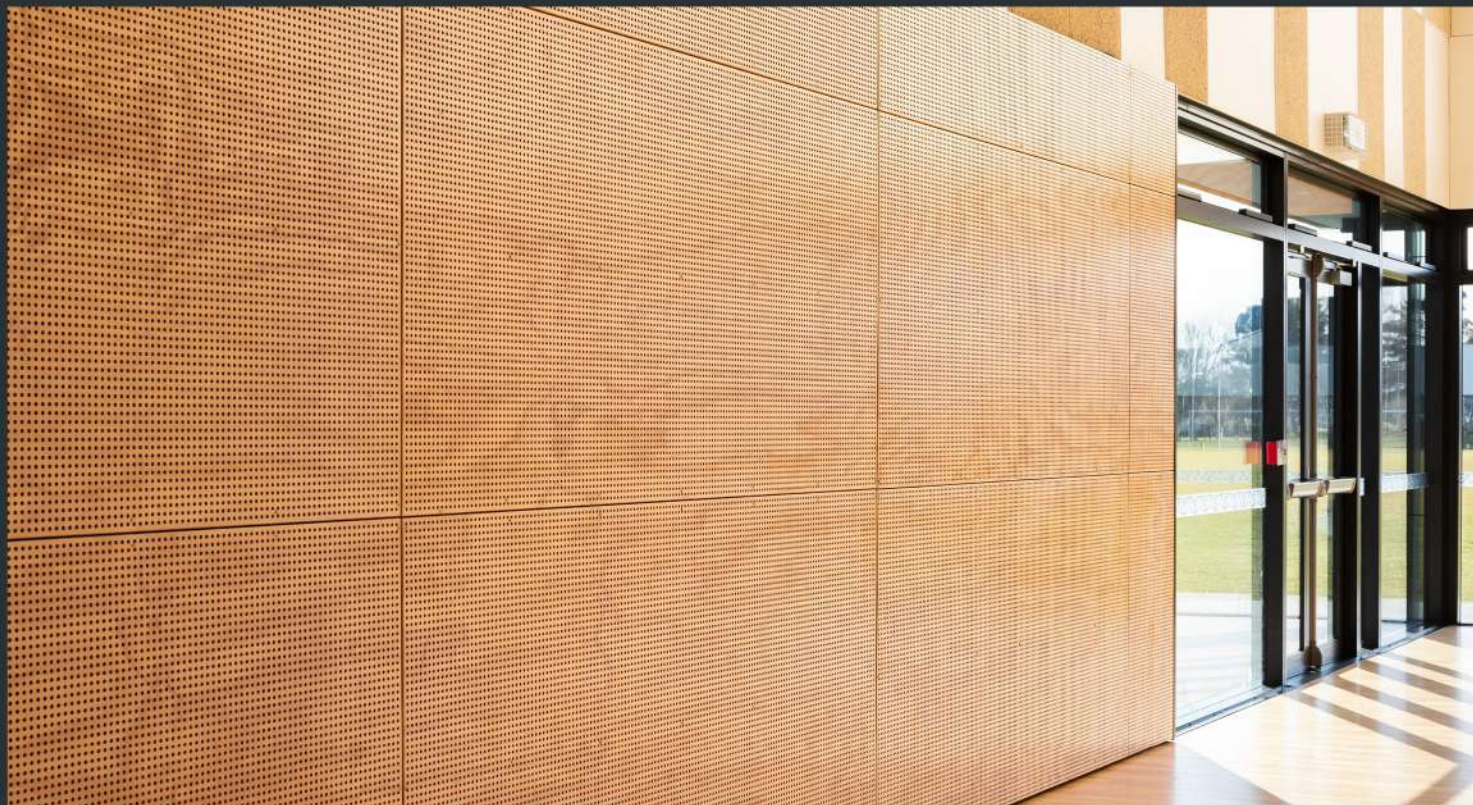
Physical acoustic test (test report available)

*Datasheet with slot and hole sizes available on request.



HONEY ASH DISPLAYED

WALL & CEILING LINING PANELS



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TUATARA

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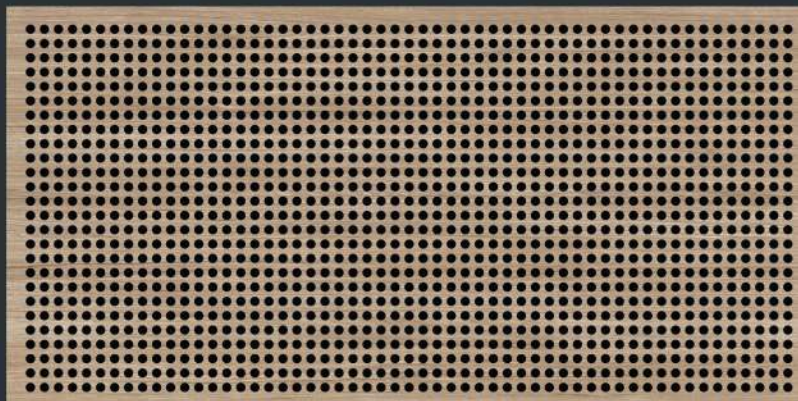
NRC 0.80

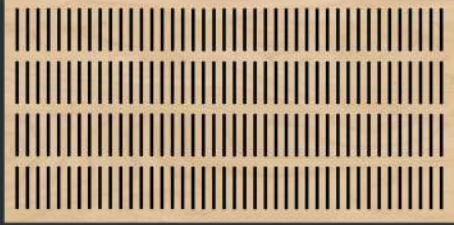
OPEN AREA 25%

Refer test report 2004-0447-123R7

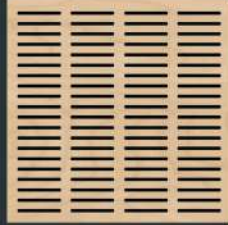
Physical acoustic test (test report available)

*Datasheet with slot and hole sizes available on request.

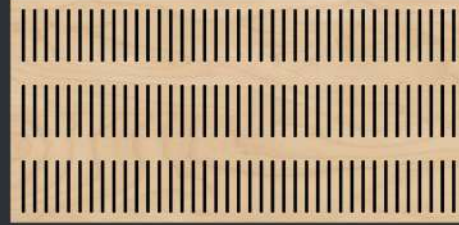




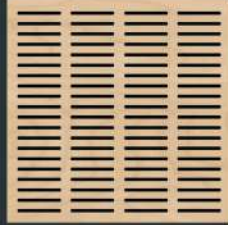
KAKA



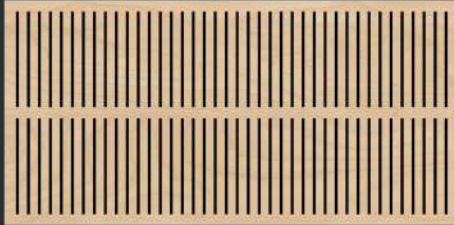
KIWI



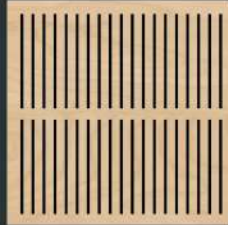
PUKEKO



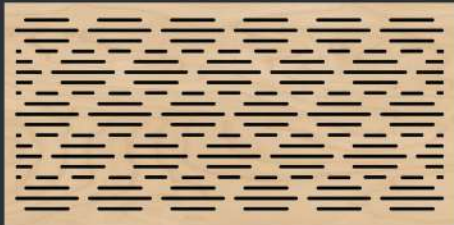
FANTAIL



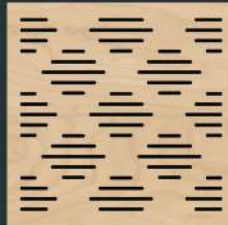
WEKA



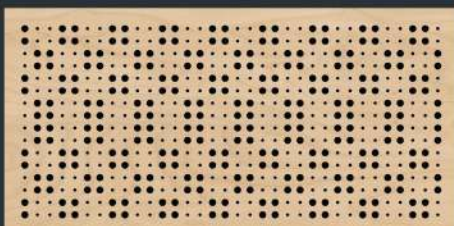
STITCHBIRD



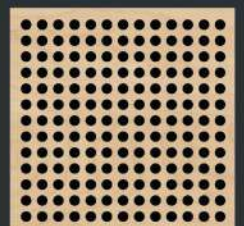
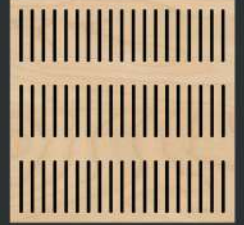
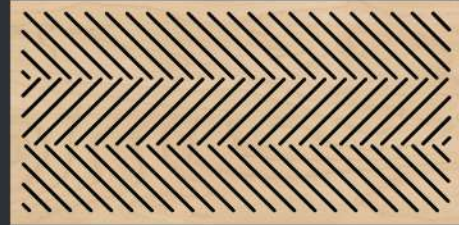
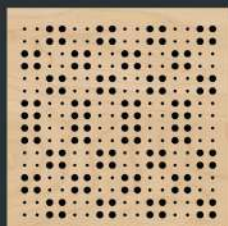
RURU



TUATARA



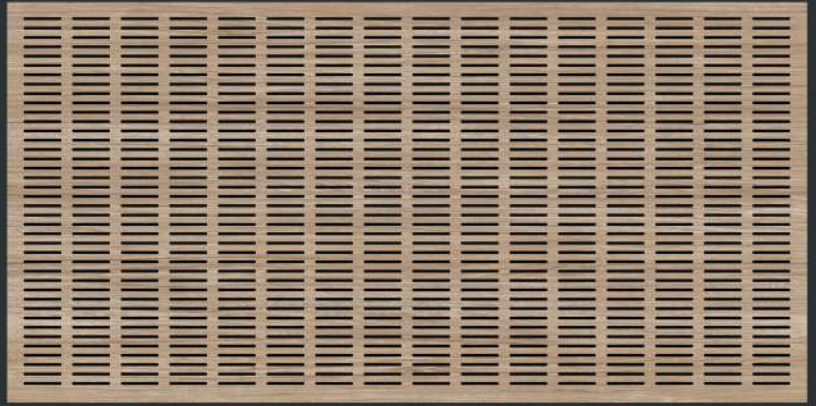
PIHIPHI



KAKA

NRC 0.75*
OPEN AREA 19%

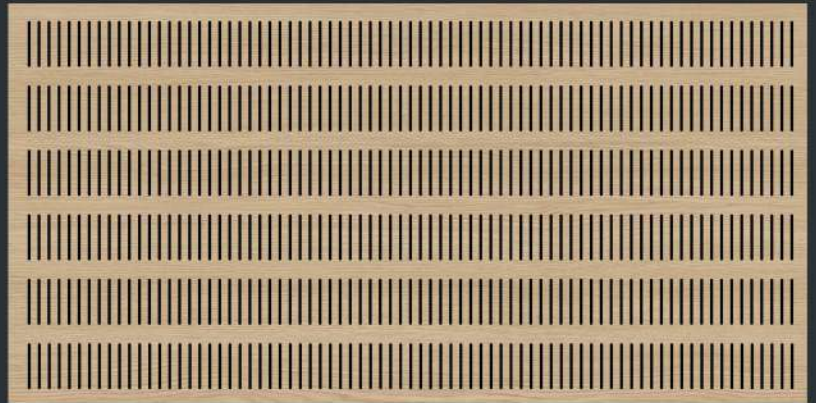
*All predictions using 50mm panel absorber.
*Datasheet with slot and hole sizes available on request.



KIWI

NRC 0.75*
OPEN AREA 18%

*All predictions using 50mm panel absorber.
*Datasheet with slot and hole sizes available on request.



PUKEKO

With SBPE backing:

NRC 0.65
OPEN AREA 23%

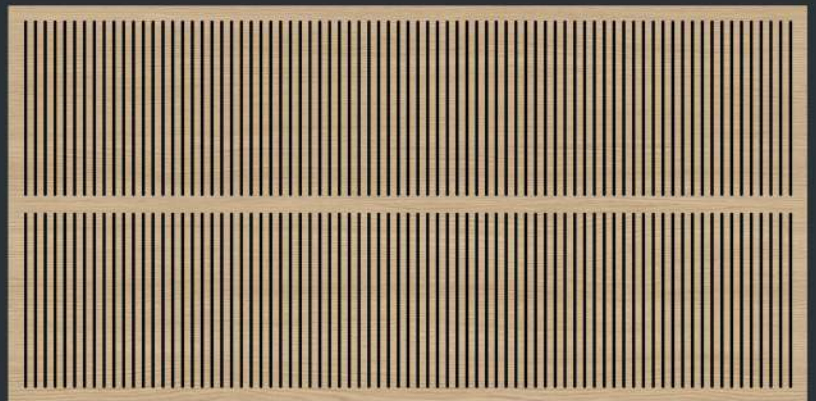
Refer test report 2004-0447-121R7

With SBPE backing and R3.6 insulation:

NRC 0.75
OPEN AREA 23%

Refer test report 2004-0447-123R7

*Datasheet with slot and hole sizes available on request.



FANTAIL

NRC 0.75*
OPEN AREA 16%

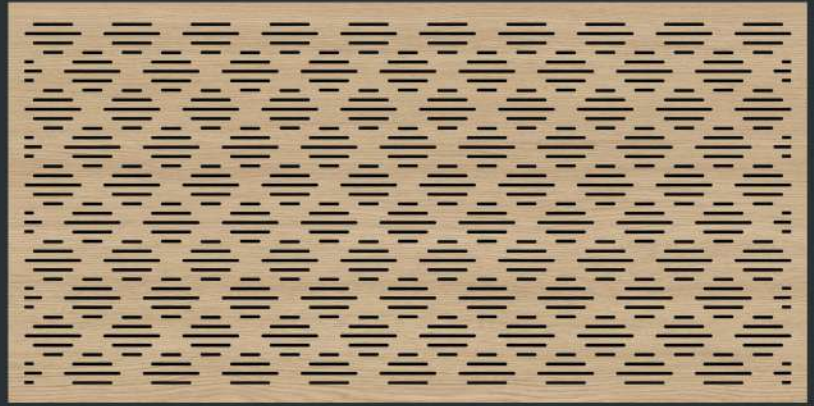
*All predictions using 50mm panel absorber.
*Datasheet with slot and hole sizes available on request.



WEKA

NRC 0.75*
OPEN AREA 20%

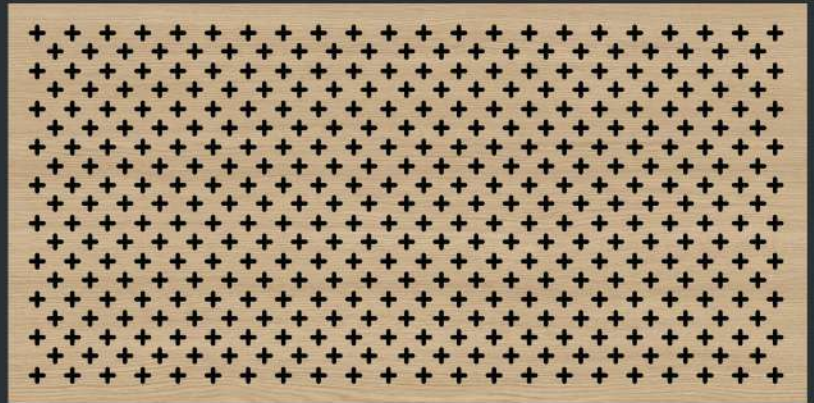
*All predictions using 50mm panel absorber.
*Datasheet with slot and hole sizes available on request.



STITCHBIRD

NRC 0.40*
OPEN AREA 9%

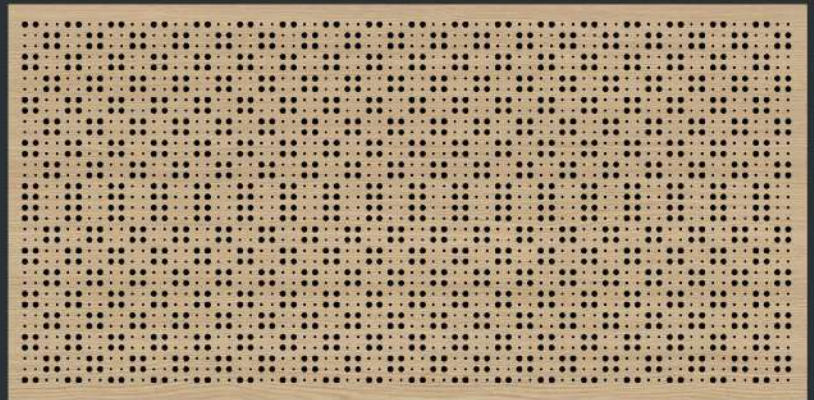
*All predictions using 50mm panel absorber.
*Datasheet with slot and hole sizes available on request.



RURU

NRC 0.70*
OPEN AREA 13%

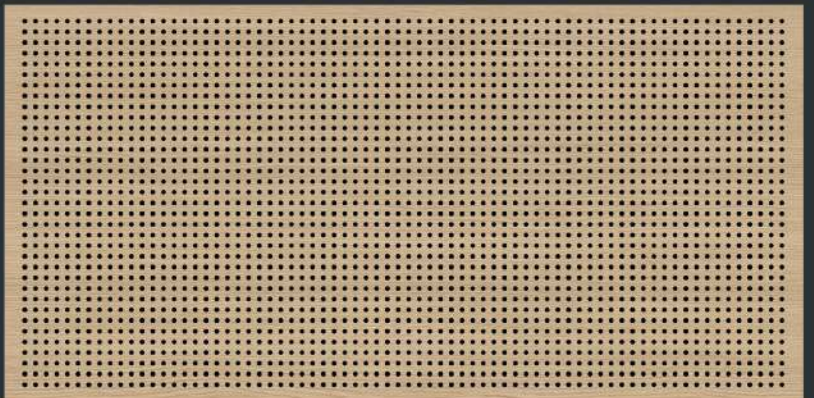
*All predictions using 50mm panel absorber.
*Datasheet with slot and hole sizes available on request.



PIHIPIHI

NRC 0.70*
OPEN AREA 13.5%

*All predictions using 50mm panel absorber.
*Datasheet with slot and hole sizes available on request.





ACOUSTIC TESTING

All testing carried out in E400 Rig (400mm air cavity).
Full acoustic testing data is available on request.

TUATARA

With SBPE backing:

NRC 0.75

OPEN AREA 25%

Refer test report 2004-0447-121R7

With SBPE backing and R3.6 insulation:

NRC 0.80

OPEN AREA 25%

Refer test report 2004-0447-123R7

