

PRODUCT SUMMARY

Bosk panels are perforated and slotted sheets in a variety of finishes which achieve a high level of absorptive acoustic performance. They are ideal for use in commercial interiors, lobbies, gymnasiums, restaurants, schools and residential applications. Bosk is highly durable and available in a many iterations to achieve the desired design aesthetic.

- Constructed in sheet form for easy use as a wall and ceiling lining, and also available in tile form for placement in a suspended ceiling system.
- The panels are sourced from the Prime Panel and Bestwood ranges from NZ Panels Group and all their sheet options in 12mm or thicker are available for perforation.
- Bosk Panels meets Group 1-5 fire test requirement; or Group 3 test requirements.
- The panels come with standard black acoustic backing material and additional polyester acoustic insulation is available. Variable NRC ranges from 0.35 up to 0.75 dependant on perforation.
- Bosk panels are available in a range of perforation patterns or bespoke options. Standard sheet sizes are 1200 x 2400mm for full sheets or 600 x 600mm and 600 x 1200mm for ceiling panels.

STILT 	KEA 	PUKEKO 	STITCHBIRD 	PIHIPIHI
TAKAHE 	KAKA 	FANTAIL 	RURU 	For the full range refer to our website or the Bosk Catalogue. 600 x 1200 shown
KERERU 	KIWI 	WEKA 	TUATARA 	

COLOURS

Bestwood and Prime Melamine are a favourite of New Zealand interior designers, architects and joiners. Their range of easy care, pre-finished, panels are available in a large range of finishes with their iconic timber aesthetic. Inspired by the warmth and nature beauty of timber.



PrimePanels^{NZ}



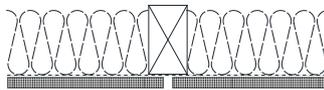
For the full range refer to our website or the Bosk Catalogue.

FIRE GROUP NUMBER CHART				
PROPERTIES	TEST METHOD	UNITS	RESULT	
Prime Melamine on MDF FR Black	C/AS2	Group Number	Group 1-S	
Prime Veneer on MDF FR 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 MDF FR Black	C/AS2	Group Number	Group 1-S	

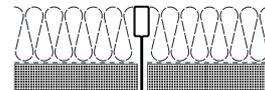
VEE JOINT



EXPRESSED JOINT



SUSPENDED CEILING



Bosk panels are a wood based product so consideration needs to be taken regarding expansion and contraction- especially over large areas.

BLACK FR BOARD TECHNICAL DATA

TECHNICAL DATA-AVERAGE VALUES			REV: 01/03/2022	
PROPERTIES	TEST METHOD	UNITS	10 - 12mm	>12 - 19mm
			DENSITY (*)	EN 323
INTERNAL BOND	EN 319	N/mm ²	0.60	0.55
BENDING STRENGTH	EN 310	N/mm ²	22	20
MODULES OF ELASTICITY	EN 310	N/mm ²	2500	2200
THICKNESS SWELLING 24H	EN 317	%	15	12
DIMENSIONAL MOVEMENT LENGTH/WIDTH	EN 318	%	0.4	0.4
DIMENSIONAL MOVEMENT THICKNESS	EN 318	%	6	6
MOISTURE CONTENT	EN 322	%	7 +/- 3	7 +/- 3
GRIT CONTENT	ISO 3340	% Weight	≤ 0.05	≤ 0.05
FORMALDEHYDE EMISSION	EN 717-1	ppm	≤ 0.05	≤ 0.05
SOUND ABSORPTION COEFFICIENT (A) (250 A 500 HZ)	EN 13984:2004+A1:2015	α	0.10	0.10
SOUND ABSORPTION COEFFICIENT (A) (1000 A 2000 HZ)	EN 13984:2004+A1:2015	α	0.20	0.20
THERMAL CONDUCTIVITY	EN 13984:2004+A1:2015	W/ (m-K)	0.14	0.14
AIRBORNE SOUND INSULATION (SURFACE MASS) (R)	EN 13986:2004+A1:2015	db	25	27
WATER VAPOUR PERMEABILITY DRY CUP	EN 13986:2004+A1:2015	μ	30	29
WATER VAPOUR PERMEABILITY WET CUP	EN 13986:2004+A1:2015	μ	2'	19
BIOLOGICAL DURABILITY USE Class 1 rating for interior use only	EN 335	Class of use	1	1
CONTENT OF PENTACHLOROPHENOL (PCP)	EN 13986:2004+A1:2015	ppm	< 5	< 5

WALL AND CEILING LINING PATTERNS



MCDONALDS OTARA, ASC ARCHITECTS (TUATARA)

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:

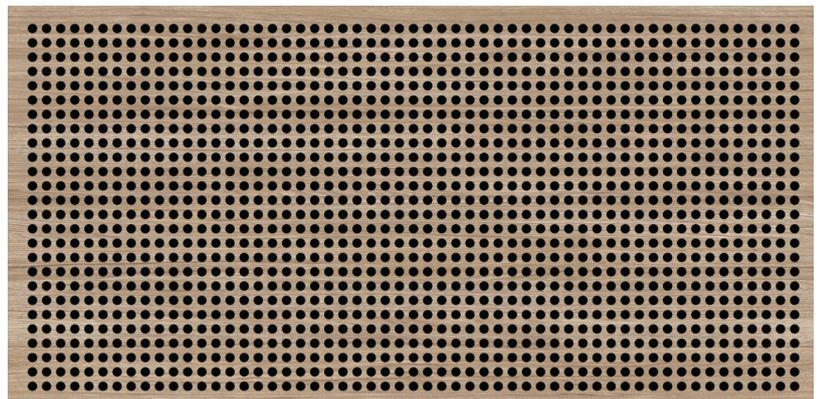
NRC 0.80

OPEN AREA 25%

Refer test report 2004-0447-123R7

HOLE SIZES \varnothing 25mm

HOLE CENTRES 41mm



HONEY ASH DISPLAYED

PHYSICAL ACOUSTIC TEST (TEST REPORT AVAILABLE)

STILT

NRC	0.75*
OPEN AREA	19%
SLOT WIDTH	3mm
SLAT WIDTH	13mm

*ALL PREDICTIONS USING 50MM PANEL ABSORBER. ONLY AVAILABLE 18MM PANEL.



TAKAHE

With SBPE backing:

NRC	0.45
OPEN AREA	9%

Refer test report 2004-0447-121R7

With SBPE backing and R3.6 insulation:

NRC	0.65
OPEN AREA	9%

Refer test report 2004-0447-123R7

SLOT WIDTH	3mm
SLAT WIDTH	27mm

PHYSICAL ACOUSTIC TEST (TEST REPORT AVAILABLE). ONLY AVAILABLE 18MM PANEL.

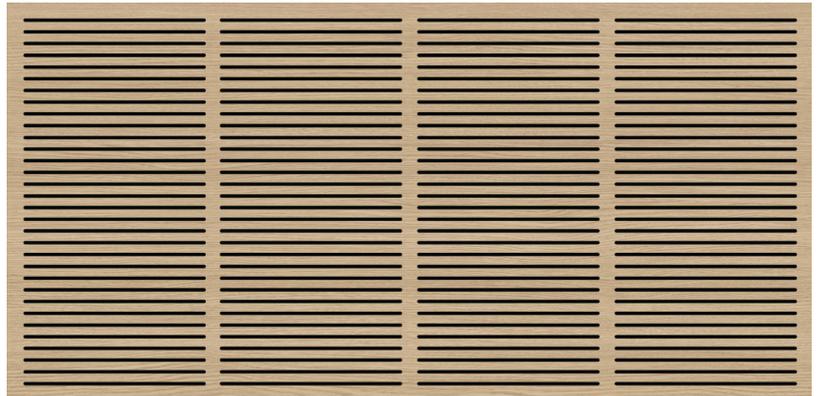


KERERU

NRC	0.75* (with insulation 0.85*)
OPEN AREA	25%

SLOT WIDTH	8mm
SLOT LENGTH	538mm
SLAT WIDTH	27mm
ROW SPACING	50mm

*ALL PREDICTIONS USING 50MM PANEL ABSORBER.

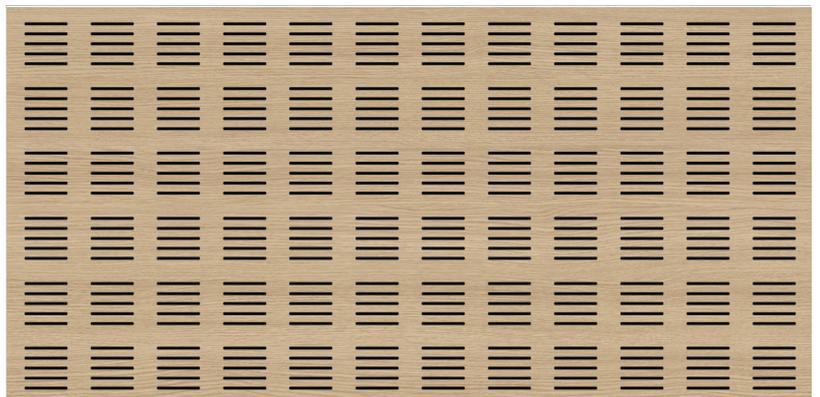


KEA

NRC	0.75*
OPEN AREA	13%

SLOT WIDTH	8mm
SLOT LENGTH	128mm
SLAT WIDTH	22mm
ROW SPACING	69mm

*ALL PREDICTIONS USING 50MM PANEL ABSORBER.

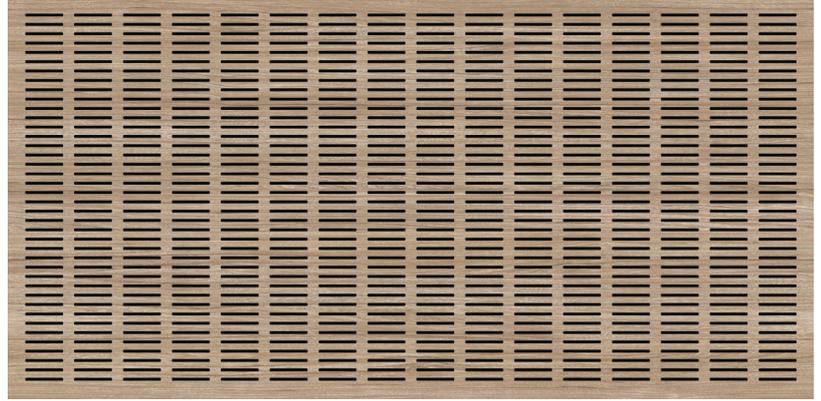


KAKA

NRC 0.75*
OPEN AREA 19%

SLOT WIDTH 8mm
SLOT LENGTH 113mm
SLAT WIDTH 20mm
ROW SPACING 33mm

*ALL PREDICTIONS USING 50MM PANEL ABSORBER.

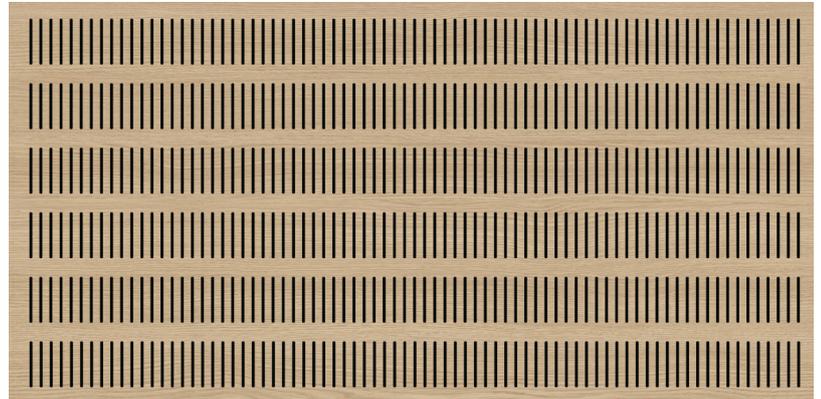


KIWI

NRC 0.75*
OPEN AREA 18%

SLOT WIDTH 8mm
SLOT LENGTH 138mm
SLAT WIDTH 22mm
ROW SPACING 55mm

*ALL PREDICTIONS USING 50MM PANEL ABSORBER.



PUKEKO

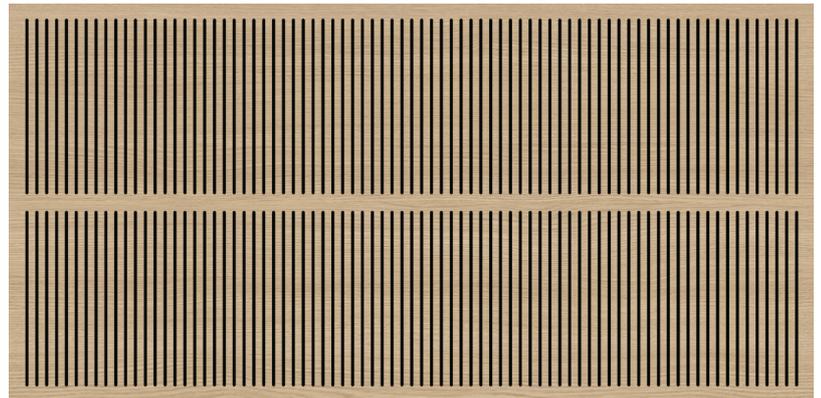
With SBPE backing:

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

SLOT WIDTH 8mm
SLOT LENGTH 525mm
SLAT WIDTH 21mm
ROW SPACING 50mm



FANTAIL

NRC 0.75*
OPEN AREA 16%

SLOT WIDTH 7mm
SLOT LENGTH 259mm
SLAT WIDTH 32mm

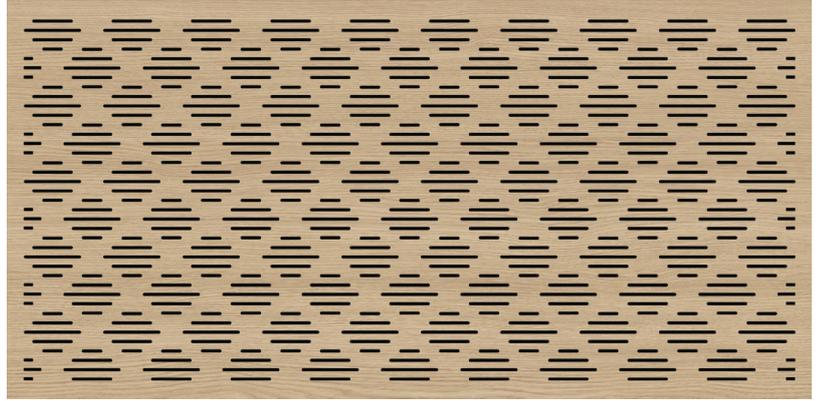
*ALL PREDICTIONS USING 50MM PANEL ABSORBER.



WEKA

NRC	0.75*
OPEN AREA	20%
SLOT WIDTH	8mm
SLAT WIDTH	21mm

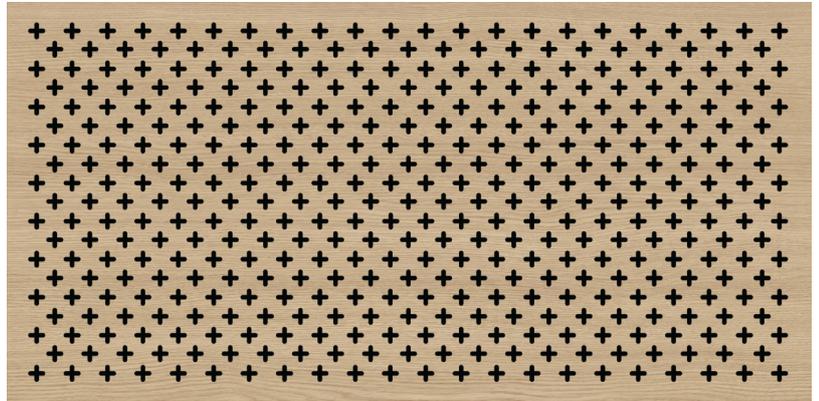
*ALL PREDICTIONS USING 50MM PANEL ABSORBER.



STITCHBIRD

NRC	0.40*
OPEN AREA	9%
SLOT WIDTH	13mm
SLOT LENGTH	50mm
SLAT WIDTH	57mm
ROW SPACING	8mm

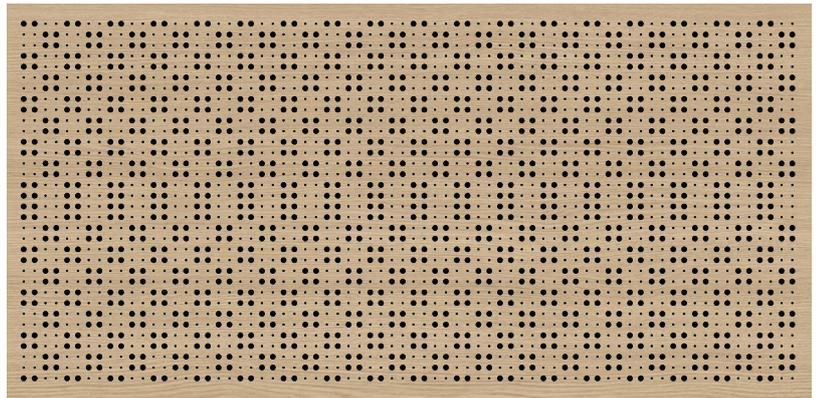
*ALL PREDICTIONS USING 50MM PANEL ABSORBER.



RURU

NRC	0.70*
OPEN AREA	13%
HOLE SIZES	Ø18mm and Ø8mm
HOLE CENTRES	32mm

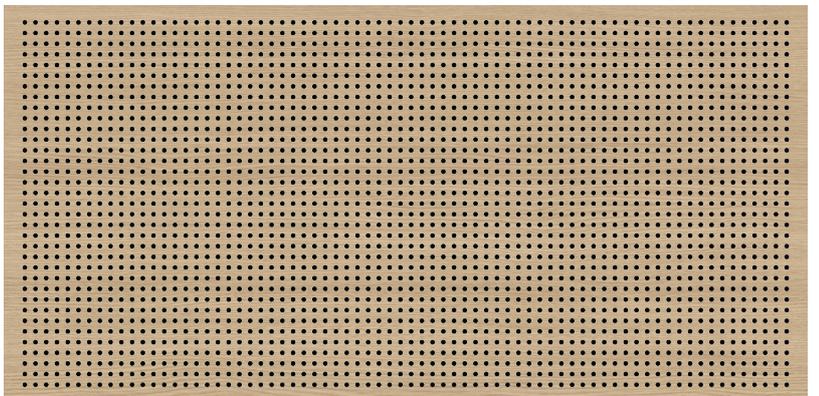
*ALL PREDICTIONS USING 50MM PANEL ABSORBER.



PIHIPIHI

NRC	0.70*
OPEN AREA	13.5%
HOLE SIZES	Ø14mm
HOLE CENTRES	32mm

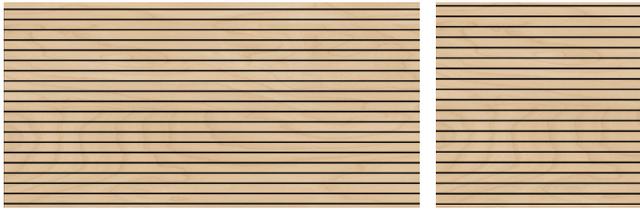
*ALL PREDICTIONS USING 50MM PANEL ABSORBER.



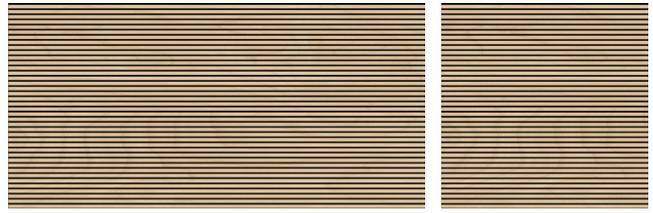
CEILING TILE PATTERNS

- Standard offerings are 1200x600mm and 600x600mm for ceiling panels.
- Designs include a 50mm border.
- Panel thickness 12mm or 18mm.
- Perforations can be designed for bespoke projects.

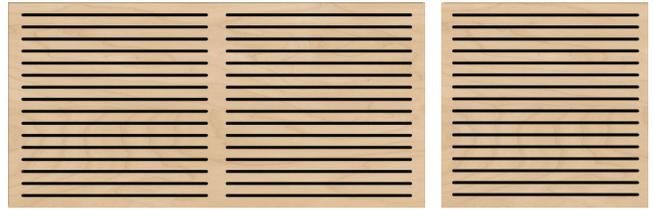
TAKAHE



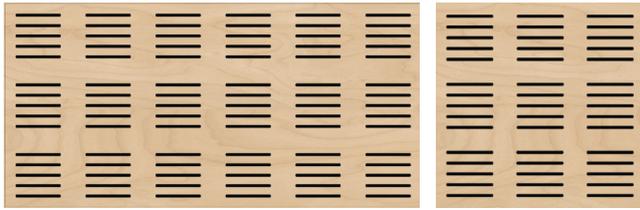
STILT



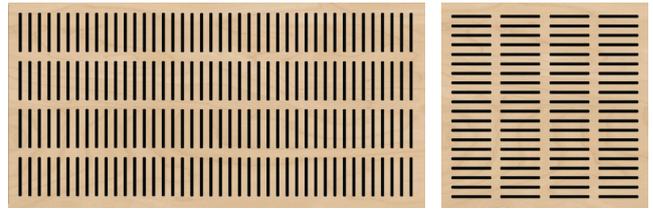
KERERU



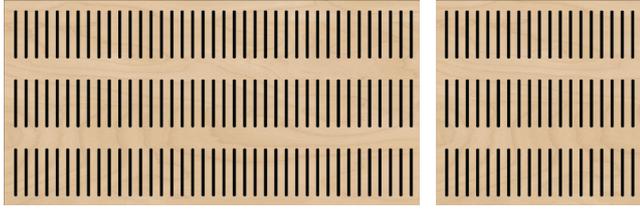
KEA



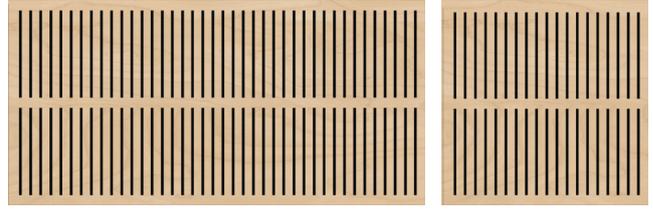
KAKA



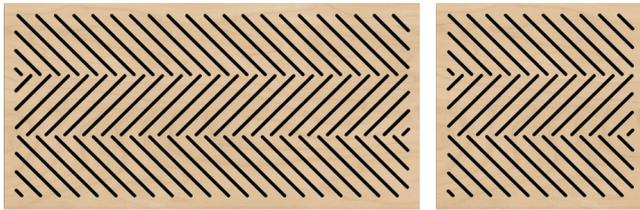
KIWI



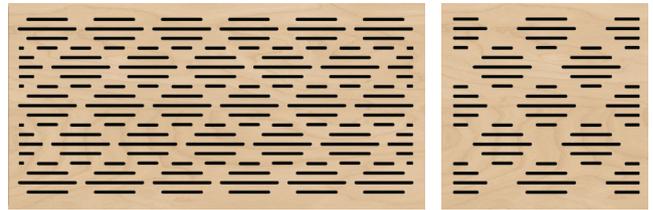
PUKEKO



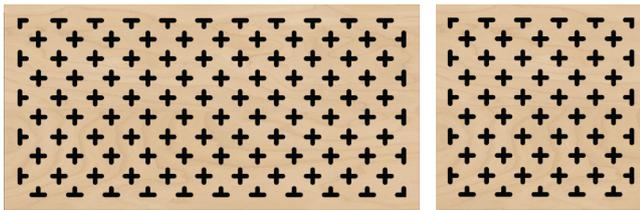
FANTAIL



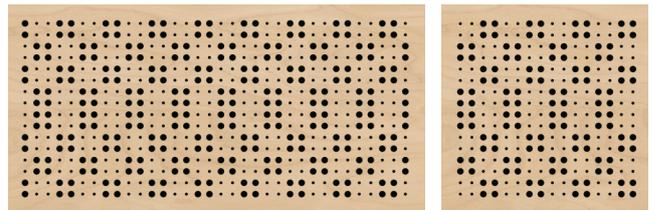
WEKA



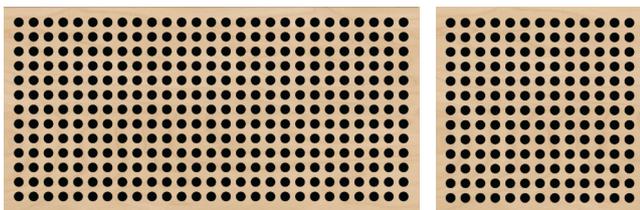
STITCHBIRD



RURU



TUATARA



PIHIPIHI

