sonaris

PERFORATED ACOUSTIC CEILING TILE FINISHES



TECHNICAL DATA SHEET



sonaris

Perforated acoustic ceiling tile finishes

Technical Data Sheet

Sonaris[™] is a perforated acoustic laminate finish designed to transform standard grid and tile ceilings into feature ceilings at lower cost compared to other materials.

Leveraging Asona's patented acoustic laminate technology, Sonaris[™] can be applied to Asona's range of Triton™, Polyfon™, Mineral Fibre and Plasterboard ceiling tiles.

With it's unique dual layer structure pattern, white, black, grey, wood print, LPL deco foils and colours can be intermingled to create custom effects at an affordable price, from subtle white on white to bold

Sonaris[™] is the ideal value engineering ceiling solution for corporate interiors.

Application

Sonaris™ is ideal for use as a decorative finish to acoustic ceiling panels in corporate offices, boardrooms, lobbies, retail and hospitality areas, education facilities and governmental buildings.

Composition

Made in NZ from a proprietary Sonatex[™] glass mat composite board perforated in a range of designs and laminated onto a variety of acoustic base material.

Features & Benefits

- Create feature ceilings at lower cost
- Transforms plain grid and tile ceilings, ideal for refurbishment jobs.
- Provides 100% access to plenum services
- Acoustics up to NRC 1.00 and CAC to 48dB subject to selected tile.
- Fire group 1-S non combustible glass fibre composition.
- Available in a large range of 600 x 600, 600 x 1200 standard perforations and colour combinations for design flexibility.
- 300 x 1200, 1200 x 1200, 300 x 1500 available in selected patterns.
- · Custom perforation, colours and sizes available to order.
- Patented alignment tabs ensures accurate pattern tessellation.
- · Prefinished, light weight, dimensionally stable.
- Cut outs for M/E services available to order.
- Lower installation costs compared to perforated MDF and Ply panels.







Sonaris is available on the following ceiling tile types:

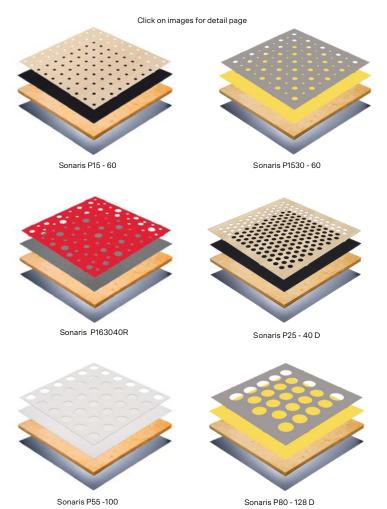
- Triton 15/25/30HD/50/50HD/75/100
- Triton Duo 35/60, Trio 85
- Diffusion plasterboard
- Polyfon
- · Mineral fibre



Sonaris™

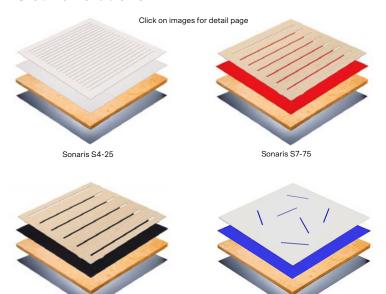
Perforated Acoustic Ceiling Tile Laminate Finish

Round Hole Perforations:

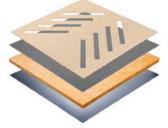




Slot Perforations:







Sonaris 250/25HB

Patent No. AU2009208100

Patent No. NZ570507

Sonaris RSlot

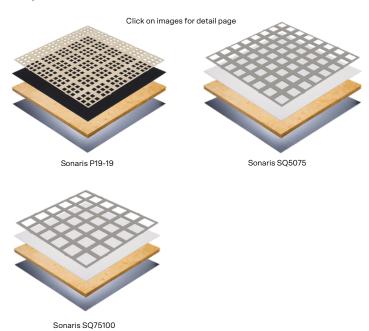
T: 1800 240361 W: www.asona.co.nz W: www.asona.com.au



Sonaris™

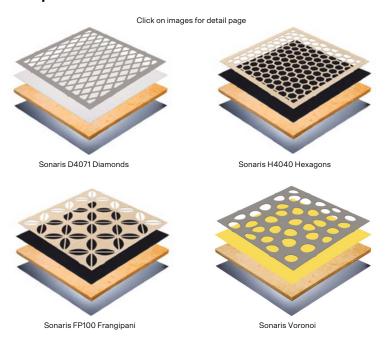
Perforated Acoustic Ceiling Tile Laminate Finish

Square Hole Perforations:





Shape Perforations:



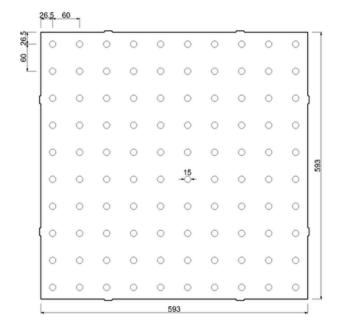


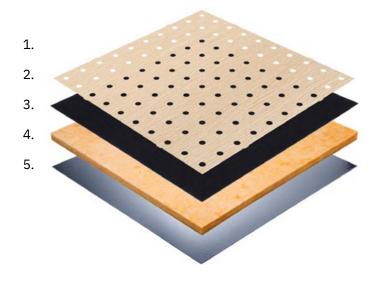
Patent No. AU2009208100

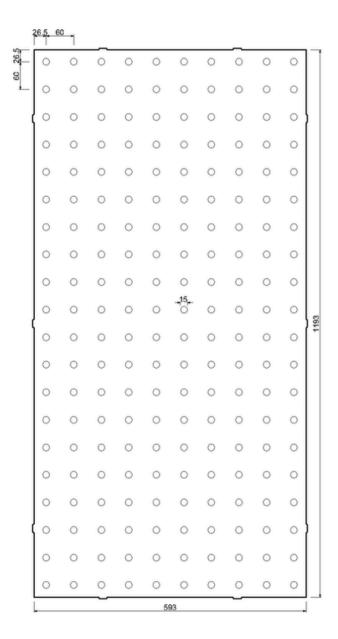


Sonaris™ #P15-60

Perforated acoustic ceiling panel laminate finish







Sizes: # P15-60

600 x 600 mm or 600 x 1200 mm 15mm Ø perf @ 60mm centres.

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.

Specification:

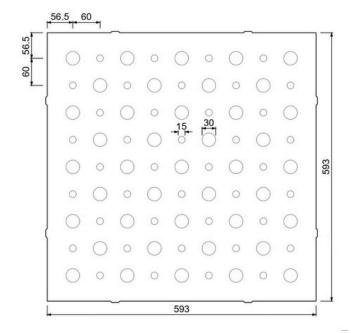
Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: (600 x 600mm), (600 x 1200mm), with Sonaris[™] perforation pattern #P15-60, surface colour: (white) (other), Base colour: (white) (other), with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

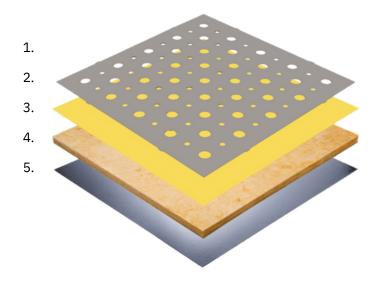
Australia

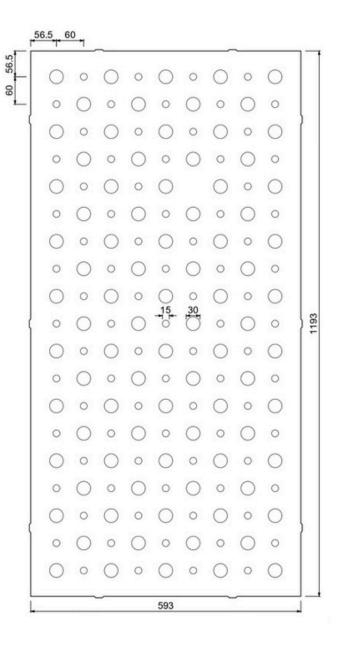
Patent No. AU2009208100

Sonaris™ #P15/30-60

Perforated acoustic ceiling panel laminate finish







Sizes: # P1530-60

600 x 600 mm or 600 x 1200 mm 15mm & 30mm Ø perfs @ 60mm centres.

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.

Specification:

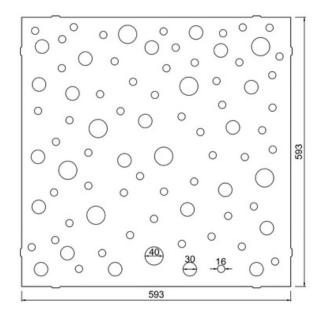
Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: (600 x 600mm), (600 x 1200mm), with Sonaris™ perforation pattern #P1530-60, surface colour: (white) (other), Base colour: (white) (other), with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

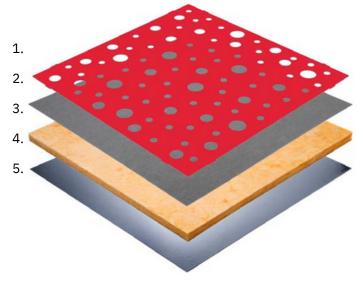
Patent No. AU2009208100

Patent No. NZ570507

Sonaris™ #P16-30-40

Perforated acoustic ceiling panel laminate finish



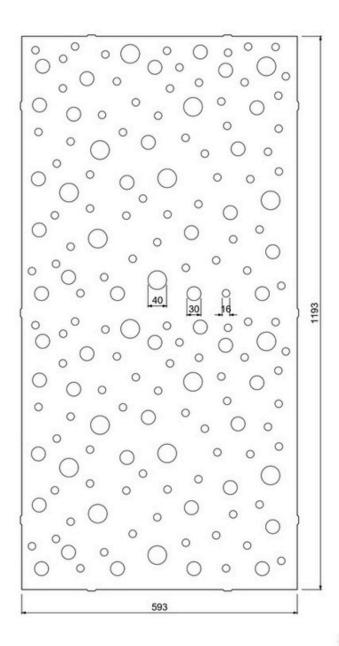


Sizes: # P163040R

600 x 600 mm or 600 x 1200 mm 16/30/40mm random hole pattern.

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.



Specification:

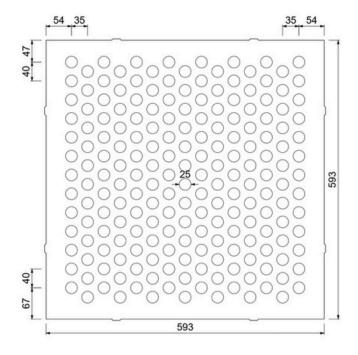
Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: (600 x 600mm), (600 x 1200mm) with Sonaris™ perforation pattern #163040R, surface colour: (white) (other), Base colour: (white) (other) with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

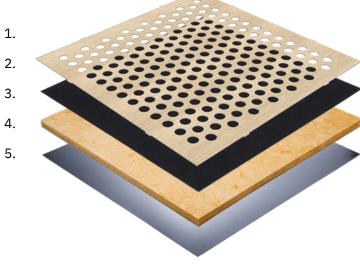
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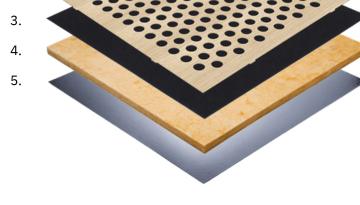
Patent No. NZ570507

Sonaris™ #P25-40 D

Perforated acoustic ceiling panel laminate finish





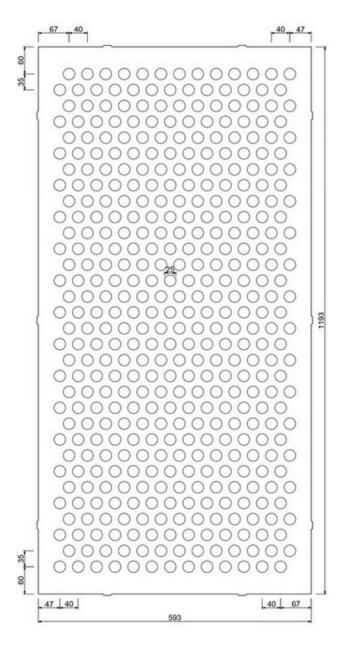


Sizes: # P25-40D

600 x 600 mm or 600 x 1200 mm 25m Ø perfs @ 40mm centres, diagonal pattern.

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.



Specification:

Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: (600 x 600mm), (600 x 1200mm) with Sonaris[™] perforation pattern #25-40D, surface colour: (white) (other), Base colour: (white) (other) with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

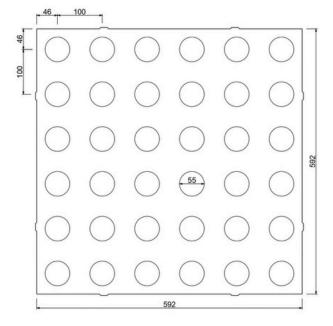
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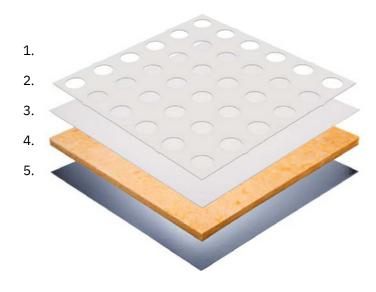
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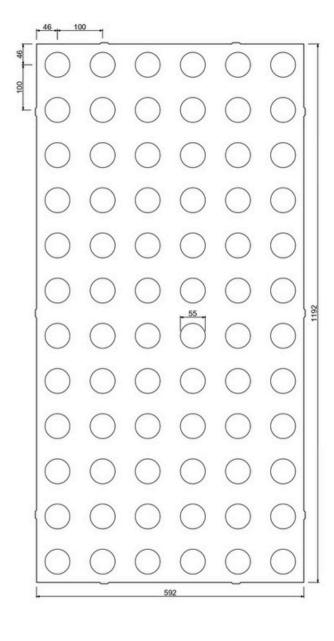
Asona Ltd. Office & Factory

Sonaris™ #P55-100

Perforated acoustic ceiling panel laminate finish







Sizes: # P55-100

 $600 \times 600 \text{ mm}$ or $600 \times 1200 \text{ mm}$ 55mm Ø perf @ 100mm centres.

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.

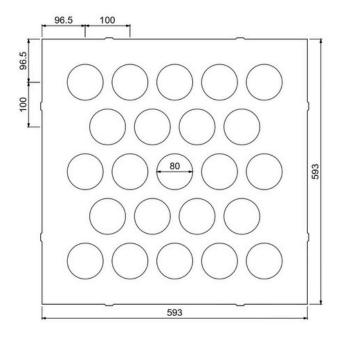
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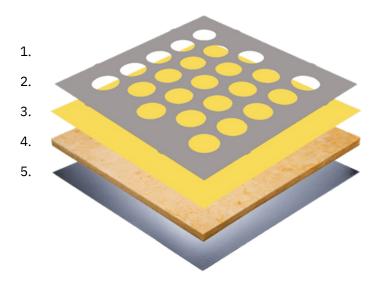
Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: (600 x 600mm), (600 x 1200mm), with Sonaris[™] perforation pattern #P55-100, surface colour: (white) (other), Base colour: (white) (other), with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

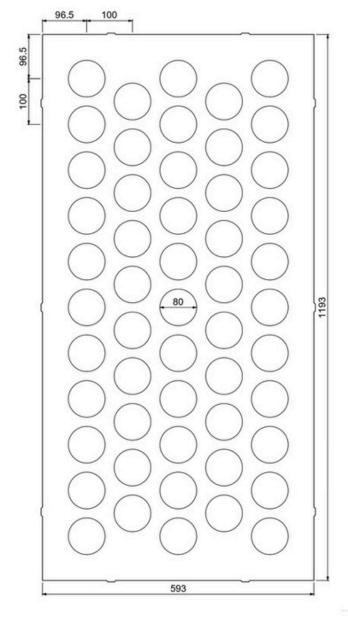
Patent No. AU2009208100

Sonaris™ #P80-100 D

Perforated acoustic ceiling panel laminate finish







Sizes: # P80-128

600 x 1200 mm 80mm Ø perf @ 128mm centres, diagonal pattern.

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.

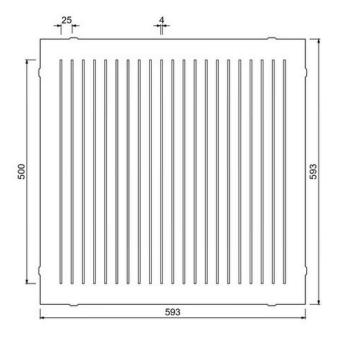
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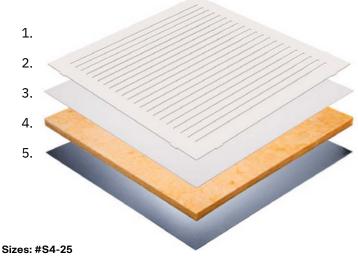
Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: 600 x 1200mm), with Sonaris[™] perforation pattern #P80-128, surface colour: (white) (other), Base colour: (white) (other), with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

Patent No. AU2009208100

Sonaris™ #S4-25

Perforated acoustic ceiling panel laminate finish



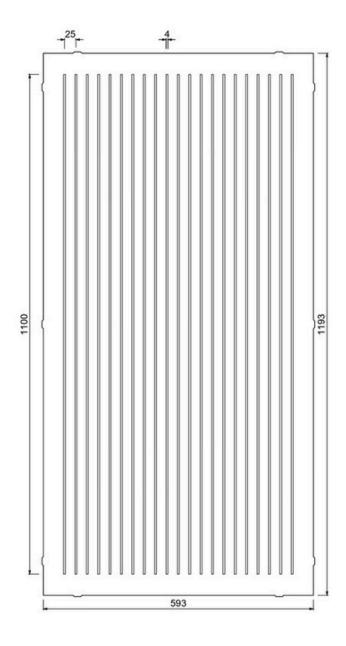


4 x 500mm slot @ 25mm centres 600 x 600mm

- 4 x 1100mm slot @ 25mm centres 600 x 1200mm
- 4×1100 mm slot @ 25mm centres 300 x 1200mm

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.



Specification:

Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: (600 x 600mm), (600 x 1200mm), (300 x 1200mm) with Sonaris[™] perforation pattern #S4- 25, surface colour: (white) (other), Base colour: (white) (other) with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

Patent No. AU2009208100

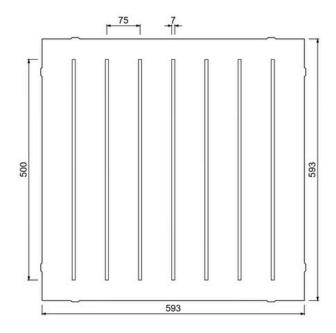
Patent No. NZ570507

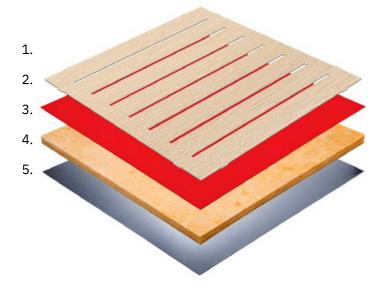
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New Zealand

Sonaris™ #S7-75

Perforated acoustic ceiling panel laminate finish



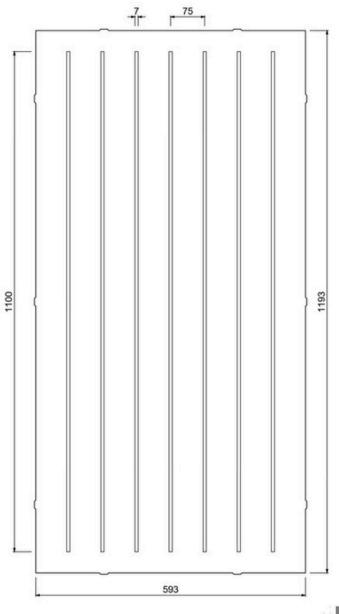


Sizes: #S7-75

 $600 \times 600 \text{ mm}$, $600 \times 1200 \text{mm}$, $1200 \times 1200 \text{mm}$ - $7 \text{mm} \times 75 \text{mm}$ slot perforation.

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.



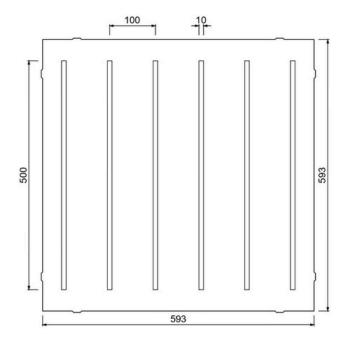
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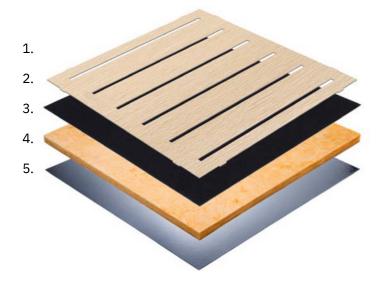
Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: (600 x 600mm), (600 x 1200mm), (1200 x 1200mm) with Sonaris[™] perforation pattern #S7-75, surface colour: (white) (other), Base colour: (white) (other) with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

Patent No. AU2009208100

Sonaris™ #S10-100

Perforated acoustic ceiling panel laminate finish



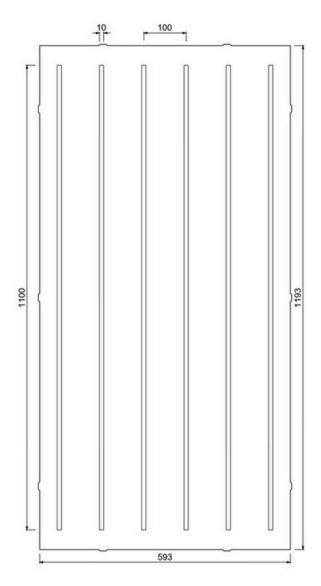


Sizes: #S10-100

 600×600 mm, 600×1200 mm, 1200×1200 mm - 10×100 mm Slot perforation

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.



Specification:

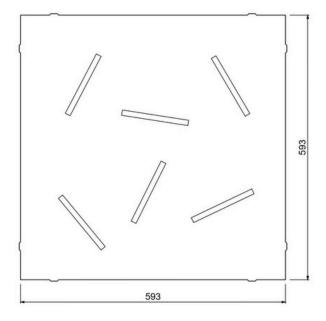
Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: (600 x 600mm), (600 x 1200mm), (1200 x 1200mm) with Sonaris[™] perforation pattern #S10-100, surface colour: (white) (other), Base colour: (white) (other) with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

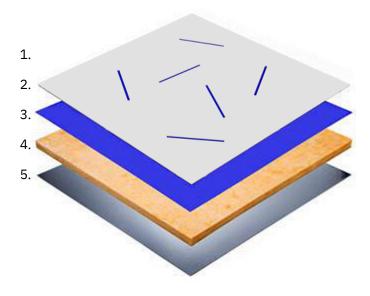
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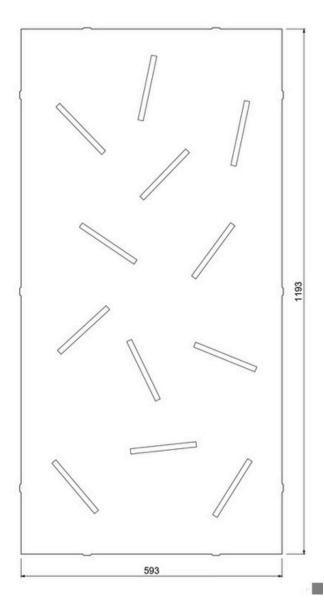
Patent No. NZ570507

Sonaris™ #RSlot

Perforated acoustic ceiling panel laminate finish







Sizes: #RSlot

600 x 600mm, 600 x 1200mm, 1200 x 1200mm 12 x 150mm random slot perforation.

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.

Specification:

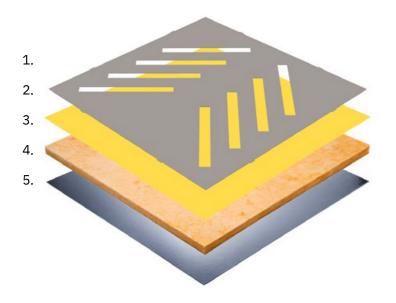
Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: (600 x 600mm), (600 x 1200mm), (1200 x 1200mm) with Sonaris[™] perforation pattern #RSlot, surface colour: (white) (other), Base colour: (white) (other) with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

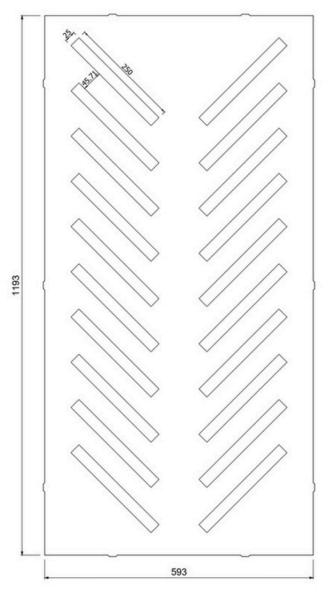
Patent No. AU2009208100

Patent No. NZ570507

Sonaris™ #250/25HB

Perforated acoustic ceiling panel laminate finish





Sizes: #250/25HB

 $600\,x\,1200\,mm$, $250\,x\,25mm$ Herringbone slot perforation

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.

Specification:

Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: (600 x 1200mm), with Sonaris™ perforation pattern #250/25HB, surface colour: (white) (other), Base colour: (white) (other) with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

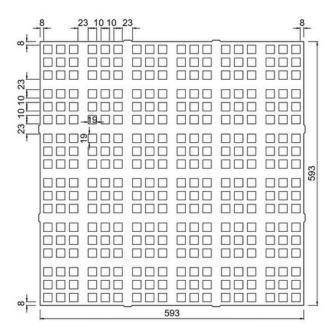
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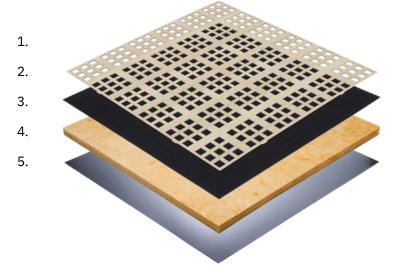
Patent No. NZ570507

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Sonaris™ #P19-19

Perforated acoustic ceiling panel laminate finish





Sizes: # P19-19

600 x 600 mm 19mm square holes

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.

Specification:

Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: 600 x 600mm with Sonaris[™] perforation pattern #P19-19, surface colour: (white) (other), Base colour: (white) (other), with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

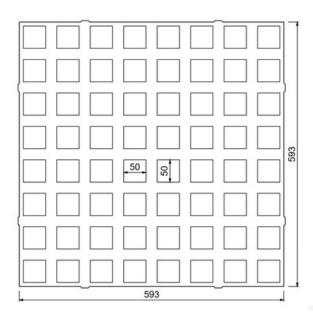
Patent No. AU2009208100

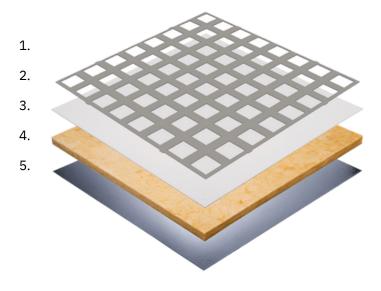
Patent No. NZ570507



Sonaris™ #SQ5075

Perforated acoustic ceiling panel laminate finish





593

Sizes: # SQ5075

600 x 600 mm, or 600 x 1200mm 50mm square holes on 75mm centres

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.

Specification:

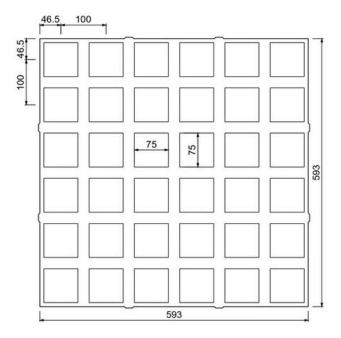
Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: (600 x 600mm) (600 x 1200mm) with Sonaris™ perforation pattern #SQ5075, surface colour: (white) (other), Base colour: (white) (other), with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

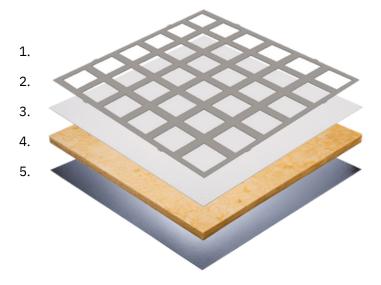
Australia

Patent No. AU2009208100

Sonaris™ #SQ75100

Perforated acoustic ceiling panel laminate finish





Sizes: # SQ75100

600 x 600 mm 75mm square holes on 100mm centres

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.

Specification:

Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: 600 x 600mm with Sonaris™ perforation pattern #SQ75100, surface colour: (white) (other), Base colour: (white) (other), with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

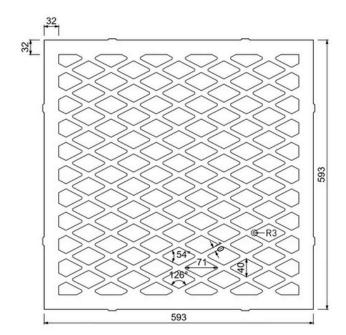
Patent No. AU2009208100

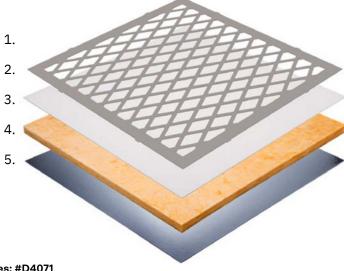
Patent No. NZ570507



Sonaris™ #D4071 Diamond

Perforated acoustic ceiling panel laminate finish



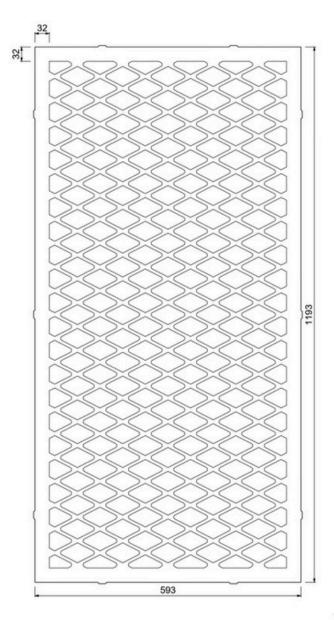


Sizes: #D4071

 600×600 mm, 600×1200 mm, or 300×1200 mm - Diamond Perforation

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.



Specification:

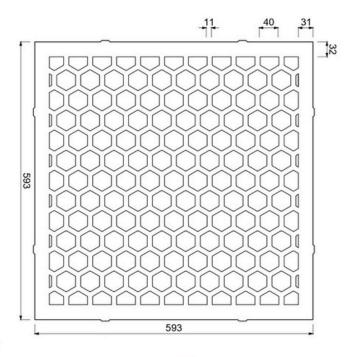
Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: (600 x 600mm), (600 x 1200mm), (300 x 1200mm) with Sonaris[™] perforation pattern #D4071, surface colour: (white) (other), Base colour: (white) (other) with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

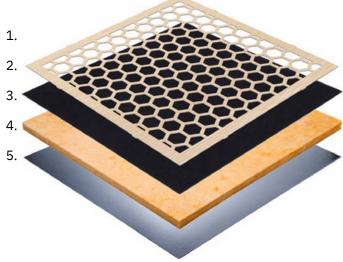
Patent No. AU2009208100



Sonaris™ #H4040 Hexagonal

Perforated acoustic ceiling panel laminate finish



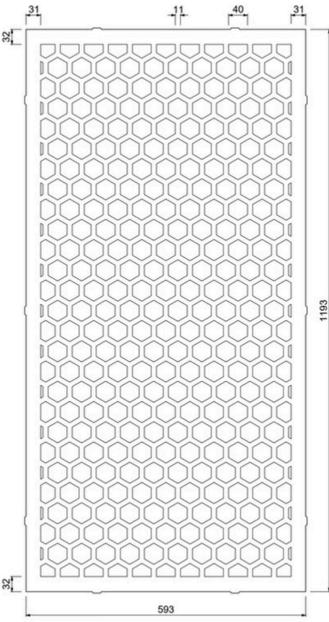


Sizes: #H4040

600 x 600 mm, 600 x 1200mm, 40 x 40 mm - Hexagon Perforation

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.



Specification:

Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: (600 x 600mm), (600 x 1200mm) with Sonaris™ perforation pattern #H4040, surface colour: (white) (other), Base colour: (white) (other) with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

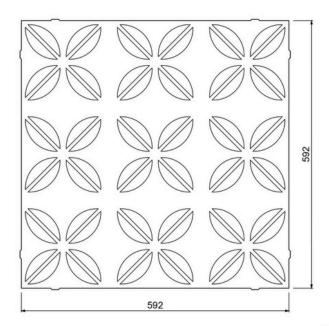
Patent No. AU2009208100

Patent No. NZ570507

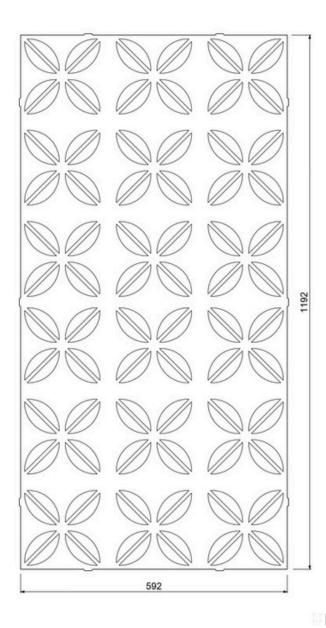


Sonaris™ #FP100 Frangipani

Perforated acoustic ceiling panel laminate finish







Sizes: #FP100

 $600 \times 600 \text{ mm}$ or $600 \times 1200 \text{ mm}$ - Frangipani perforation

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.

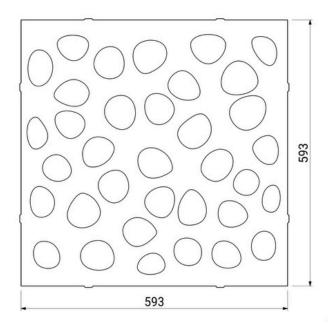
Specification:

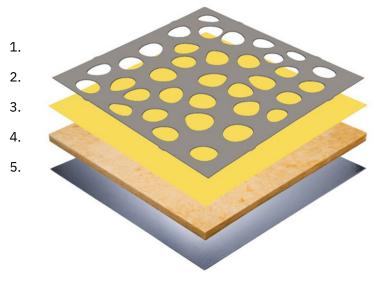
Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: (600 x 600mm), (600 x 1200mm), with Sonaris™ perforation pattern #FP100, surface colour: (white) (other), Base colour: (white) (other) with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

Patent No. AU2009208100

Sonaris™ #VOH Voronoi

Perforated acoustic ceiling panel laminate finish





Sizes: #VOH

600 x 600 mm - Voronoi perforation

How to select your Sonaris™ laminate ceiling:

- 1. Select perforation panel size.
- 2. Select your surface colour/print (see Sonatex colour range datasheet).
- 3. Choose your base colour. (see Sonatex colour range datasheet).
- 4. Select your base panel type: Triton Range (Glass Fibre), Polyfon Range (Polyester).
- 5. Optional: Noise attenuation backer.

Specification:

Acoustic ceiling panel shall be Asona (Triton) (Polyfon) size: 600 x 600mm with Sonaris™ perforation pattern Voronoi, surface colour: (white) (other), Base colour: (white) (other) with (optional) attenuation backer, as manufactured by Asona Ltd, +64 (9) 525 6575, info@asona.co.nz.

Australia

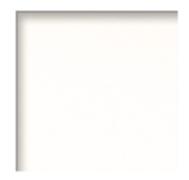
Patent No. AU2009208100

Sonatex[™] - Acoustic Laminate Shades and Prints

White to Black



A180 Standard White



Hygiene Facing (not for Sonaris)



RAL 9002 White Grey



RAL 7040 Light Cool Grey



RAL 7030 Mid Warm Grey



RAL 7045 Mid Cool Grey



RAL 9011 Black

Prints

(Roto gravure print on Sonatex, not to scale)



Wood print RAL 1013



Wood print RAL 1001 (TON 1127)



Wood print RAL 8019

Custom colours are available to order, minimum quantity do apply.

Contact Asona for Sonatex samples:

Email: info@asona.co.nz Phone: +64 (0) 9 525 6575



#600 Fine texture white paint



Woodwool print RAL 7040

* Asona Sonatex is colour matched to the RAL Classic K7 range colours standard. The colour accuracy of this swatch card is dependent on your viewing screen and/or printer used. Digital print designs and custom colours are available to order, minimum quantity and lead times apply.

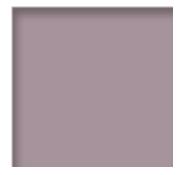
Sonatex™ - Acoustic Laminate Colours

Soft Colours

Minimum order quantity may apply, speak to your Asona Consultant.



RAL 1000 Puka Green



RAL 4009 Egmont Grey



RAL 3012 Flax Seed



RAL 1015 Oyster Bay



RAL 9018 Porirua Mist

Bright Colours

Minimum order quantity may apply, speak to your Asona Consultant.



RAL 1018 Zinc Yellow



RAL 2009 Traffic Orange



RAL 3020 Traffic Red



RAL 6032 Traffic Green



RAL 6027 Aqua



RAL 1004 Gold



RAL 1014 Ivory

* Asona Sonatex is colour matched to the RAL Classic K7 range colours standard. The colour accuracy of this swatch card is dependent on your viewing screen and/or printer used. Digital print designs and custom colours are available to order, minimum quantity and lead times apply.

Low Pressure Laminate

Woodlook

 $\label{thm:model} \mbox{Minimum order quantity may apply, speak to your Asona Consultant.}$



LPL Kopenhagen



LPL Bleached Maple



LPL Walnut



LPL Blond Maple



LPL Tasmanian Oak

