

Triton 25 Woodlook™ - NRC to 0.90

Acoustic Ceiling Panel, Perforated LPL Finish

Technical Data Sheet



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Description.

Triton 25 Woodlook™ is a cost effective fire group 1-S perforated acoustic ceiling panel with a wood look low pressure laminate (LPL) finish. Made in NZ, the high sound absorbing panels are designed to control unwanted noise reverberation. Panels are available in a range of sizes and decorative wood print (or colour) Sonaris™ perforated acoustic laminate patterns.

Application.

Triton 25 Woodlook™ is ideal for use in corporate offices, lobbies, showrooms, retail, hospitality, libraries and schools.

Composition.

Made in NZ from 48 kg/m³ bio-soluble glass wool absorber with a perforated low pressure laminate finish and tissue backed.

Features & Benefits.

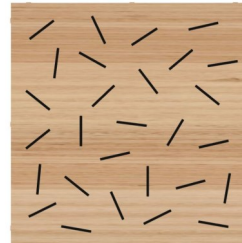
- Attractive perforated wood panel look at lower cost compared to traditional perforated wood panels.
- Fire Group 1-S rating without cost of intumescent coatings.
- High sound absorption rating to control reverberation, up to NRC 0.90 depending on selected perforation pattern.
- Light weight for superior safety in seismic prone areas.
- Economical grid and tile ceiling system, 60% lower installed cost vs traditional perforated FR plywood or FR MDF ceilings.
- Broad range of perforated patterns to select from as well as custom patterns to order for design flexibility.
- Low VOC, low carbon solution with 90% by volume NZ made/ sourced material content including over 80% recycled post consumer waste.
- Made in NZ for short lead times. Product stewardship Renew and Reuse program available. Packaging take back and reuse scheme available (NZ only).
- Durable and dimensionally stable, suitable for high humidity and non air conditioned spaces.



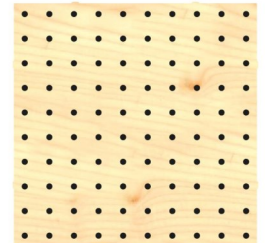
Technical Specifications:

Sound Absorption Rating:								
NRC 0.55- 0.90 per ASTM C423								
ISO 354 E-200, Test reports T2216-01>09								
Item	Open Area	NRC	125 Hz	250 Hz	500 Hz	1K Hz	2K Hz	4K Hz
Non perf	0%	0.35	0.60	0.35	0.55	0.35	0.20	0.15
RS12-150	3%	0.55	0.65	0.60	0.70	0.50	0.30	0.25
P15-60	4.9%	0.70	0.65	0.75	0.80	0.65	0.50	0.35
S7-75	9.5%	0.75	0.65	0.80	0.85	0.70	0.60	0.40
P12-30-40	9.5%	0.80	0.65	0.85	0.85	0.75	0.65	0.45
S4-25	14.6%	0.85	0.60	0.90	0.95	0.85	0.85	0.70
P50-100	19.6%	0.85	0.60	0.90	0.90	0.85	0.75	0.60
P19-19	33%	0.90	0.55	0.85	0.95	0.90	0.95	0.90

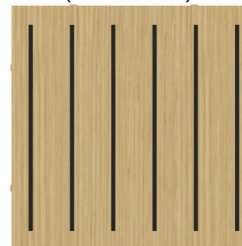
RS12-150 (Tasmanian Oak)



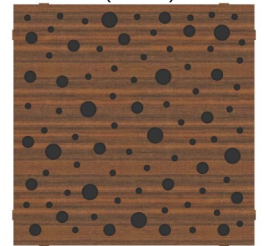
P15-60 (Maple)



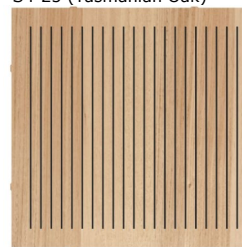
S7-75 (American Oak)



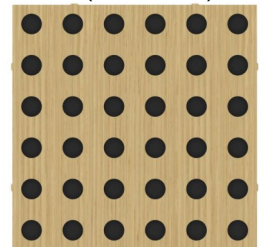
P12-30-40 (Walnut)



S4-25 (Tasmanian Oak)



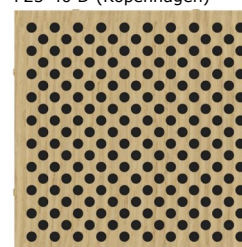
P50-100 (American Oak)



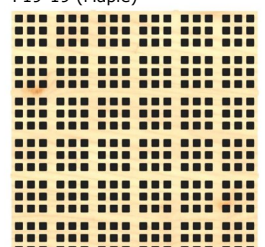
Diamond Mesh (Tasmanian Oak) Frangapani (American Oak)



P25-40 D (Kopenhagen)



P19-19 (Maple)



A range of standard and custom perforations and woodgrains* are available. Consult Asona for shop drawings.

* Colour representations are as close as printing permits. Always make your colour selections from an actual sample, not from a digital screen.

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Standard Sizes (Special sizes to order, consult Asona)

Item #	Description	600 x 600mm	600 x 1200mm	1200 x 1200mm
P15-60	15mm hole @ 60mm centres, square pattern	●	●	
P25-40 D	25mm hole @ 40mm centres, diagonal pattern		●	
P50-100	50mm hole @ 100mm centres, square pattern	●	●	
P12-30-40	12, 30, 40mm holes, random pattern	●	●	
P19-19	19 x 19mm square holes	●		
S4-25	4mm slot @ 25mm centres	●	●	
S7-75	7mm slot @ 75mm centres	●	●	●
S10-100	10mm slot @ 100mm centres	●	●	●
RS12-150	12mm x 150mm random slot	●	●	●
D4070	Diamond Mesh	●	●	
H4040	Hexagonal Mesh	●	●	
FP200	Frangipani	●	●	
SQ5075	50 x 50mm square holes @ 75mm centres	●		
SQ75100	75 x 75mm square holes @ 100mm centres	●		
Non-perf	No perforations	●	●	●

Technical Specifications:

Accessibility:

All panels are demountable and accessible.

Back Loading:

Max. 1.5 kg/m², point loads shall be independently supported.

Environmental Impact:

Contains >80% recycled local glass waste, low VOC <0.002 Mg/M²/hr per ASTM D5116, damaged or soiled panels can be resurfaced to extend useful life and reduce construction waste/ landfill.

Fire Reaction:

NZBC verification method C/VM2 material Group: 1-S
NCC BCA C1.10 clause 4, spec A2.4 clause 4. Group 1
Suitable for fire exit way and non sprinklered buildings.

Humidity:

Max 99% R/H at 45°C.

Laminate Finishes:

Triton 25 Woodlook™ is available in a range of perforated design wood print LPL finishes. Non-perforated is also available.

Maintenance:

Clean with a vacuum, soft brush or damp cloth.
Re-surfacing of damaged panels available, consult Asona.

NZ Building Code:

Clause B2—durability, 5 years.

Packaging Take Back Scheme:

Flat pack cartons on site and return to Asona for reuse. (NZ only)

Renew & Reuse Program:

Soiled or damaged panels can be resurfaced with new Sonatex or Sonaris laminates for reuse in the ceiling. Helps extend life cycle and reduce construction waste.

Stewardship Program:

Register the ceiling installation on practical completion with Asona Renew and Reuse program.

Thermal Resistance:

R 0.7 m²C/W

Tolerances:

Width and length +/- 2 mm

Warranty:

15 year limited warranty against manufacturing defects.

Weight:

1.5 kg/m²

Installation:

Shall not commence until the building is water tight and dry. Light fittings shall be independently supported, use hold down clips in areas of wind uplift. For suspended ceilings it is recommended that air grilles be installed in the ceiling to balance air pressure differentials. Not for air return plenums.

Specification:

Ceiling system shall be Asona Triton 25 Woodlook™ high sound absorbing ceiling as manufactured by Asona Ltd Auckland NZ Tel: +64(0)9 525 6575 info@asona.co.nz. Selected panel shall be size 25 x () x ()mm, square edge with decorative low pressure laminate finish wood-look print) (American Oak)(Tasmanian Oak)(Maple) (Kopenhagen)(Walnut) Sonaris perforation type (), sound absorption NRC (), Fire Group 1-S. Suspension system shall be Rondo Donn DX two way exposed grid system with 19 x 22 mm wall angle, grid colour (white) (black). Contractor shall flat pack packaging and return to Asona for reuse and register the ceiling with Asona Renew and Reuse product stewardship program on practical completion. (Asona ceiling Masterspec 5311AS specification available).

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*All dimensions are nominal. We reserve the right to change specifications.
Ref. Triton 25W-23-07

