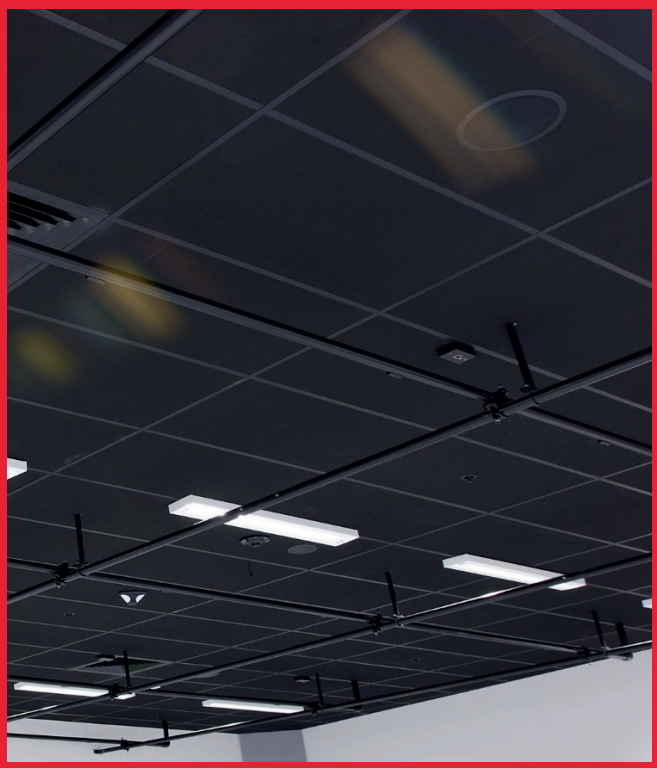
triton avant 15™

ACOUSTIC CEILING PANEL



TECHNICAL DATA SHEET BPIR - CLASS 1

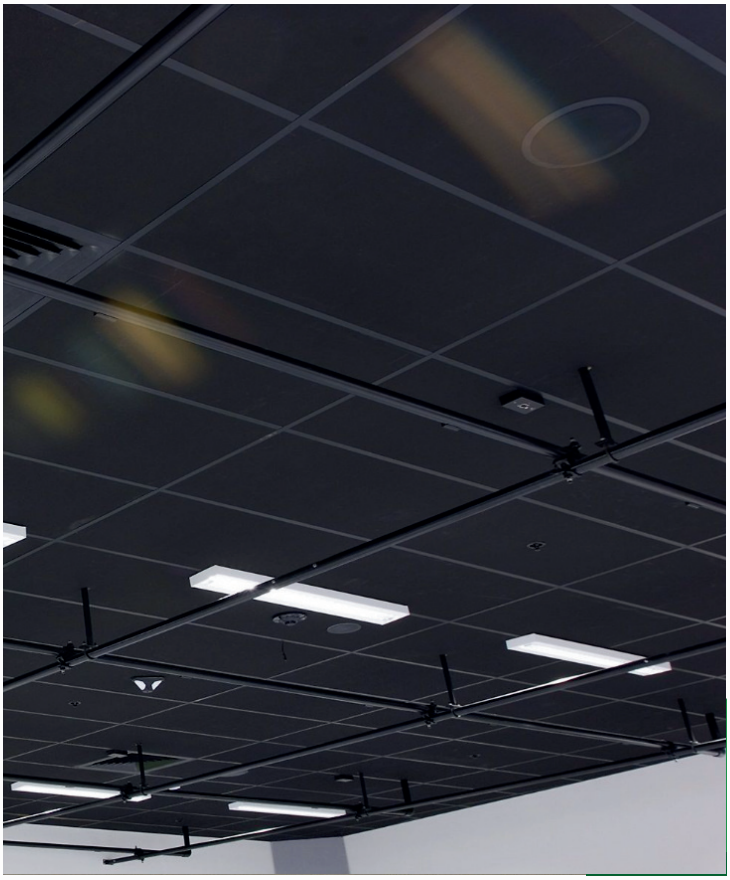
Acoustic Ceiling and Wall Solutions

triton avant 15™

Acoustic Ceiling Panel - NRC 0.85

Technical Data Sheet - BPIR Class 1

Triton Avant 15™ is a made in NZ acoustic ceiling panel with single ply glass tissue facing for maximum economy. Panels are available in standard white and black. Panels fit to Rondo Donn DX® exposed grid system.



Application

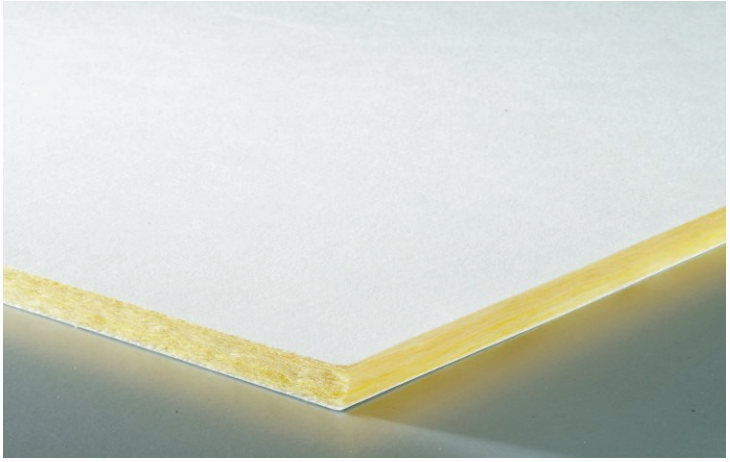
Avant 15™ is ideal for retail shops, clubs, bars, restaurants, general office and schools where an economical black or white acoustic ceiling is desired.

Composition

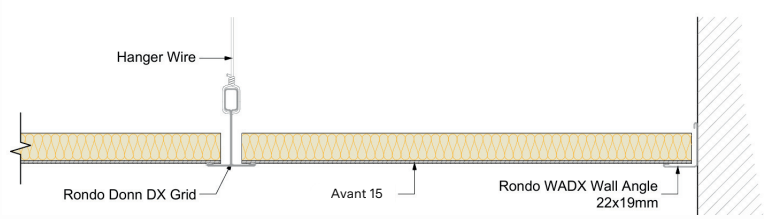
Manufactured in NZ from high density 96 kg/m³ bio-soluble glasswool board with glass tissue facing and backer.

Features & Benefits

- Economical NRC 0.85 acoustic ceiling panel, ideal for price sensitive projects which prioritise price over performance.
- Made in NZ, short lead times including replacement parts.
- Fire Group 1-S.
- Economical white or black glass tissue facing.
- Packaging take back and reuse scheme available (NZ only).
- Product stewardship Renew and Reuse program (NZ only).
- Durable and dimensionally stable in high humidity.
- Light weight for seismic areas, easy to work and trim.



Technical Drawing



Detail: Triton Avant 15 ceiling tile suspended on Rondo Donn DX® Grid

ISO 9001:2015 Registered Firm No. NZ1014
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*All dimensions are nominal. We reserve the right to change specifications.
Ref. Triton Avant 15-26.08

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Technical Specifications:

Item #	Size (nominal)*	Edge
AV15.0606	15 x 600 x 600 mm	A / Square
AV15.0612	15 x 600 x 1200 mm	A / Square

Sound Absorbtion Rating:
aW 0.90; Class A; NRC 0.85 per ASTM C423
ISO 354 E-200, Test report T1422-4

Hz	125	250	500	1000	2000	4000
αp	0.45	0.80	0.95	0.85	0.95	0.90

Colour:
White, RAL 9011 Black as standard.

Environmental Impact:
From 74% recycled glass, product and packaging can be recycled in NZ. Low VOC material.

Light Reflectance Value:
83% per BS8493:2008, White.

Limitations:
• For interior use only, and not in direct contact with water.
• Not for use with negative air return plenums.
• Maximum humidity/temperature 99% R/H at 45°C.
• Back loading — No overlay loads, M&E services and point loads to be independently supported.

Maintenance:
Clean with vacuum, soft brush or damp cloth. Re-surfacing of soiled panels available, consult Asona.

Packaging Take Back Scheme:
Flat pack cartons on site and return to Asona for reuse. (NZ)

NZ Building Act
This product is not subject to a warning or ban under Section 26.

NZ Building Code Compliance:
• B2 Durability – Clause B2.3.1 (c) (i): Asona ceiling tiles with only normal maintenance will have a minimum durability of at least 5 years when installed in accordance with; manufacturer's installation requirements and AS/NZS 2785:2020.
• C3 Fire – Clause C/AS2 4.12.1: Asona Triton Avant 15 has a Fire Material Group Number 1-S by NZBC Building Product Specification Parts 8.5.4 or 8.5.5, tested in accordance with ISO 9705 or ISO 5660.

Renew & Reuse Stewardship Program:
Soiled or damaged panels can be resurfaced with new laminates for reuse in the ceiling. Helps extend life cycle and reduce construction waste. Register on practical completion.

Thermal Resistance:
R 0.45 m²°C/W

Warranty:
10 year limited warranty against manufacturing defects, extendable to 20 years when registered for Asona's Renew and Reuse program and installed in Rondo Donn DX® exposed grid systems supplied by Asona.

Weight:
1.5 kg/m²

Installation:
Shall not commence until the building is watertight and dry. This product is designed to be mounted into a Rondo Donn DX® two-way exposed grid system and installed to manufacturer's and AS/NZS 2785:2020 Standard's requirements. Seismic design may require a suitably qualified engineer. Hold down clips may be required in areas of wind uplift, and/or air grilles used to balance air pressure. Tiles are not to support any weight. Care shall be taken when handling tiles to avoid damage.

Specification:
Ceiling system shall be Triton Avant 15™ acoustic ceiling as manufactured by Asona Ltd Auckland NZ Tel: +64(0)9 525 6575 info@asona.co.nz. Selected panel shall be item #(_), size 15 x 600 x (_)mm, NRC 0.85, Fire Group: 1-S, colour (white) (black), ceiling grid shall be Rondo Donn DX® exposed suspension system with 19 x 22 mm wall angle. 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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