

Triton Avant 15™ - NRC 0.90

Acoustic Ceiling Panel

Technical Data Sheet



asona

Description.

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 bio-soluble glasswool board with glass tissue facing. Grid from galvanised steel.

Benefits.

- Economical NRC 0.90 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.
- NRC 0.90 for control of noise reverberation.
- 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 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 Absorption Rating:

aW 0.90; Class A; NRC 0.90 per ASTM C423
ISO 354 E-200, Test report T1422-4

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

Accessibility:

All panels are demountable and accessible.

Back Loading:

No overlay loads, M&E services to be independently supported.

Colour:

White, RAL 9011 Black as standard.

Environmental Impact:

From 80% recycled glass, product and packaging can be recycled in NZ. Low VOC material.

Fire Reaction:

NZBC verification method C/VM2 material Group: 1-S
NCC BCA C1.10 clause 4, spec A2.4 clause 4. Group 1.

Humidity:

Max 99% R/H at 45°C.

Light Reflectance Value:

83% per BS8493:2008, White.

Maintenance:

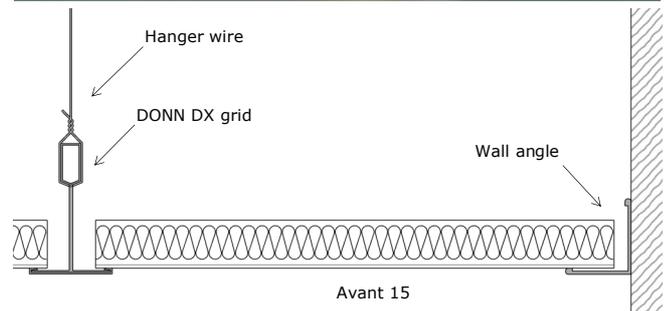
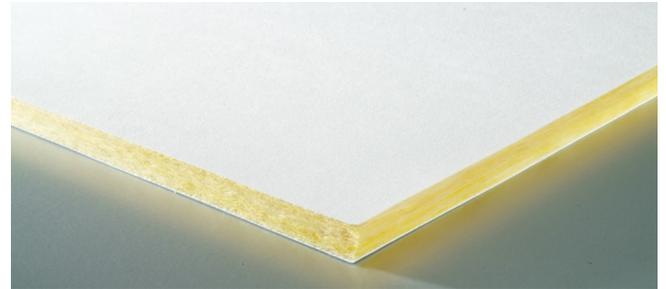
Clean with vacuum, soft brush or damp cloth.
Re-surfacing of soiled panels available, consult Asona.

NZ Building Code:

Clause B2—durability, 5 years.

Packaging Take Back Scheme:

Flat pack cartons on site and return to Asona for reuse.



Detail: Avant 15 ceiling tiles suspended on Rondo Donn DX Grid

Renew & Reuse Program:

Soiled or damaged panels can be resurfaced with new 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 0.45 m²°C/W

Warranty:

15 year limited warranty against manufacturing defects, extendable to 30 years when registered for Asona's Renew and Reuse program.

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. It is recommended that air grilles be installed in the ceiling to balance air pressure differentials. Not for air return plenums. Follow industry standard installation methods for two way exposed ceiling systems, for seismic design please consult a structural engineer.

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 0.90, 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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ISO 9001:2015 Registered Firm No. NZ1014

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Ref. Triton Avant 15-22-10

