triton 4™

ACOUSTIC CEILING PANEL

TECHNICAL DATA SHEET - BPIR CLASS 1

Acoustic Ceiling and Wall Solutions

triton 4™

Acoustic Ceiling Panel - αw 0.65, NRC 0.65
Technical Data Sheet - BPIR Class 1

Triton 4™ is a slim 4mm thick economical, mat white ceiling panel designed for exposed grid and tile ceilings to control unwanted noise reverberation. Triton 4 is also ideal as a renovation solution for old or soiled ceilings. Simply lift old panels, lay in the new Triton 4 and replace the existing ceiling tile on top. Triton 4 extends ceiling life and reduces construction waste while delivering fresh aesthetics.

Triton 4™ in Rondo Donn DX® exposed grid system

Application
Triton 4™ is ideal for use with Rondo Donn DX® exposed grid for general areas requiring good sound absorption, light reflectance and clean white aesthetics at an economical budget.

Composition
Manufactured from Sonatex acoustic laminates.

Features & Benefits
- Economical new or renovation ceiling tile solution.
- Slim 4 mm thick panel saves on shipping and handling costs (250m² per m³)
- Good sound absorption to control reverberation, αw /NRC 0.65.
- Fire Group 1-S.
- Light weight for seismic, very easy to work and trim.
- Decorative match to other Triton acoustic ceiling tiles.
- Durable and dimensionally stable in high humidity.
- Proprietary CL-04 hold down clip for wind prone areas.
- Made in NZ for short lead times including replacement parts.
- Global GreenTag Certified Level A
- Product stewardship Renew and Reuse program available.
- Packaging take back and reuse scheme available (NZ only).

Technical Specifications:

Item #	Size (nominal)*	Edge
TR4.0606	4x 600 x 600 mm	A / Square
TR4.0612	4x 600 x 1200 mm	A / Square

Sound Absorbtion Rating:
αw /NRC 0.65 per ISO 354 E-200 /ASTM C423, , Test report T2411-20

Hz	125	250	500	1000	2000	4000
αp A	0.29	0.59	0.77	0.51	0.68	0.72

Light Reflectance Value:
85% per BS8493:2008, White

Limitations:
- For interior use only, and not in direct contact with water.
- Not for wind lobbies or areas subjected to high wind pressure.
- Not for use with negative air return plenums.
- Maximum humidity/temperature 99% R/H at 45°C.
- No back loading, loads to be independently supported.

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

NEW ZEALAND MADE

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 4 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.
(NCC BCA C1.10 clause 4, spec A2.4 clause 4. Group 1)

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

Renew & Reuse Stewardship Program: (NZ only)
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. Register on practical completion.

Warranty:
15 year limited warranty against manufacturing defects, extendable to 30 years when registered for Asona's Renew and Reuse program and installed in Rondo Donn DX® exposed grid systems supplied by Asona.

Weight:
0.75 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. Care shall be taken when handling tiles to avoid damage.

Specification:
Ceiling system shall be Asona Triton 4™ acoustical ceiling panel as manufactured by Asona Ltd Auckland NZ Tel: +64(0)9 525 6575 info@asona.co.nz. Selected panel shall be item # (TR4.06_), size 4 x 600 x (_)mm, square edge with Sonatex white laminate finish, αw /NRC 0.65, Fire Group 1-S. Suspension system shall be Rondo Donn DX® two way exposed grid system, grid colour white. 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).

ISO 9001:2015 Registered Firm No. NZ1014
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*All dimensions are nominal. We reserve the right to change specifications.
Ref. Triton 4 -26.08

Asona Ltd. Office & Factory
6 Mahunga Drive, Mängere Bridge, Auckland 2022
New Zealand
NZBN: 9429036035175

New Zealand
T: +64(0)9 525 6575
E: info@asona.co.nz
W: www.asona.co.nz

Australia
T: 1 800 240361
E: info@asona.com.au
W: www.asona.com.au

asona