

Triton 4™ - α_w 6.5, NRC 0.65

Acoustic Ceiling Panel

Technical Data Sheet—BPIR Class 1



asona

Description.

Triton 4™ is an economical, mat white ceiling panel designed for exposed grid and tile ceilings to control unwanted noise reverberation.

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.
- Good sound absorption to control reverberation, α_w /NRC 0.65.
- Fire Group 1-S.
- Made in NZ for short lead times including replacement parts.
- Product stewardship Renew and Reuse program available.
- Packaging take back and reuse scheme available (NZ only).
- Durable and dimensionally stable in high humidity.
- Light weight for seismic, very easy to work and trim.
- Mix and matches with other specialist Triton acoustic tiles.
- Low freight and handling costs (250m² per m³)

Technical Specifications:

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

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

| Hz | 125 | 250 | 500 | 1000 | 2000 | 4000 |
|------------|------|------|------|------|------|------|
| α_p | 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 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, soft brush or damp cloth.
Re-surfacing of damaged panels available, consult Asona.

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 3.4(a): Asona 4 has a Fire Material Group Number 1-S by NZBC verification method C/VM2 Appendix A, tested in accordance with ISO 5660 or ISO 9705. (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.



Triton 4™ in Rondo Donn DX® exposed grid system

Warranty:

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

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 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, α_w /NRC 0.65, 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. 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 4 -24.8

