

Asona Triton Cloud Panel Acoustical suspended ceiling panel

Product Technical Statement: 102452



High sound absorbing acoustical ceiling panel/shapes wrapped with Sonatex™ composite finish

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



Asona Triton Cloud Panel confirms that this minimum level of assurance has been met or exceeded by the following:

BRANZ

[Fire Assessment Report - FAR4593-01-2](#)



The following information has been provided by Asona Triton Cloud Panel demonstrating how this product complies with the [Building Product Information Requirements](#).

Technical Statement

Product Class

CLASS 1

Product Description

Triton Cloud™ are NZ made high sound absorbing ceiling panels with wrapped edges for a crisp tailored finish. Panels are rigid and designed as free floating or direct fix elements to control reverberation. Available in a standard range and custom sizes, shapes and decorative finishes.

Scope of use

Triton Cloud Panel™ is designed as an interior, free floating acoustic ceiling panel or direct fixed ceiling or wall panel. Triton Cloud™ panels are ideal for ceilings in open office, classrooms, meeting rooms, halls, cafes and bars where control of noise is required.

- For interior use only, and not in direct contact with water.
- Maximum humidity/temperature 99% R/H at 45°C.
- Back loading — No overlay loads, M&E services and point loads to be independently supported.
- Digitally printed images on fabric must be a single image per panel. Due to pattern creep in the printing process pattern alignment cannot be assured. Position panels >20mm apart.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(c)

Clause B2.3.1 (c) (i): 5 years if building elements are easy to access and replace.

Asona Triton Cloud panels 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.

- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.4(a)

C3 Fire – Clause C/AS2 3.4(a):

Asona Triton Cloud has a Fire Material Group Number 1-S by NZBC verification method C/MM2 Appendix A, tested in accordance with ISO 5660 or ISO 9705, for Sonatex facing or selected fabric finishes and installation method. Other fabrics & installation methods 2-S, 2 and 3. Please consult Asona.

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

B2 Durability and C3 Early Reaction to Fire

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:

BRANZ



masterspec partner

Company Contact Details

asona

Company: Asona Limited
Physical Address: 6 Mahunga Drive
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Postal Address: 6 Mahunga Drive,
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Use in Service History

Auckland - Unilodge, ASB Queen St, City Rail Link Britomart, Torpedo Bay Navy Museum, Otahuhu Recreational Precinct, ASB Lincoln Road, Saatchi & Saatchi, Sno Cafe.

Rotorua - Scion

Palmerston North - Sir Geoffrey Perin Building

Wellington - Karori Library Cafe, Carterton Event Centre,

National - Ministry of Education refurbishment program

Product Criteria

Design requirements

Triton Cloud™ panels are ideal for ceilings in open office, classrooms, meeting rooms, halls, cafes and bars where control of noise is required.

Panels are rigid and designed as free floating or direct fix elements to control reverberation. Available in a standard range and custom sizes, shapes and decorative finishes.

Asona's Renew and Reuse program allows soiled panels to be resurfaced with new acoustic facing to extend product life and reduce waste.

Installation requirements

Installation shall not commence until the building is water tight and dry. Light/mechanical fittings shall be independently supported. Installation shall be in accordance with the selected Asona fixing system, AS/NZS 2785:2020 Standard and AWCINZ Code of Practice requirements.

Refer also Asona Triton Cloud Installation Manual.

Maintenance requirements

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

Warrantees

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

Company Product Information

Environmental

Manufactured in NZ with 80% recycled bio-soluble glass fibre core.

Global GreenTag Certified, level A,

Soiled panels can be re-surfaced with new acoustic facing to extend product life and reduce waste.

Quality Assurance



ISO 9001 (Quality Management)

Relationships



New Zealand Made



GreenTag Certified Level A

AWCI (Association of Wall & Ceiling Industries)

Building Product Information Requirements

Manufacturer

Legal Trading Name:

Asona Limited

Business Email:

info@asona.co.nz

Company Website:

www.asona.co.nz

Contact Number/s:

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Product Identifier

MULTIPLE. PLEASE REFER TECHNICAL DATA SHEETS FOR INDIVIDUAL PRODUCT DETAILS.
ASONA TRITON CLOUD VG ASONA TRITON CLOUD

Warnings

This product has no warnings associated with it.



Date last validated: **14 January 2025**



Date last updated: **14 January 2025**

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