Asona Ltd Triton acoustical ceiling panels

Product Technical Statement: 100773

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NZ made, ISO Class A high sound absorbing glasswool ceiling panels with dual acoustic laminate face.
View miproducts listing

Level of assurance needed to demonstrate NZ Building Code Compliance

L LOW

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

Asona Ltd confirms that this minimum level of assurance has been met or exceeded by the following:
BRANZ
Fire Assessment Report - FAR4593-01-2

BPIR **The following information has been provided by Asona Ltd demonstrating how this product complies with the Building Product Information Requirements.**

masterspec partner

Technical Statement

Product Class

CLASS 1

Product Description

Triton standard range of acoustical ceiling tiles are made in NZ, ISO class A high sound absorbing glass fibre ceiling panel finished with plain Sonatex™ or perforated Sonaris™ composite glass mat acoustic facing. Panels lay onto standard Rondo DONN DX exposed grid systems.

Scope of use

Triton high acoustical panels are ideal for use in open plan offices, schools, call centres, libraries and other applications that require control of background noise levels and reverberation times.

• 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 max. 1.5kg/m², point loads to be independently supported.

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)

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

  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.

  In use history. No test methods available

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

  C3 Fire – Clause C/AS2 3.4(a): Asona Triton ceiling tiles have a Fire Material Group Number 1-S by NZBC verification method C/VM2 Appendix A, tested in accordance with ISO 5660 or ISO 9705.

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
Fire Assessment Report - FAR4593-01-2

Company Contact Details

asona

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

Multiple commercial and educational projects throughout NZ.

Hobsonville Point Secondary School

Orewa Medical Centre

Wellsford War Memorial Library

Air NZ Hanger 9 Exhibition Center

Torpedo Bay Navy Museum

Auckland District Courts

Cactus Data Centre

Wakatipu High School

Taupiri School Hall

Linwood School

Product Criteria

Design requirements

Triton panels are a made in NZ high sound absorbing ceiling panel that are designed to control unwanted noise reverberation. Triton panels are available in a wide range of acoustic absorption options, sizes and decorative colours, wood prints and perforated acoustic laminate patterns.

Ideal for use in schools, open plan offices, call centres, libraries and general offices.

Triton panels are normally used as a tile installed into Rondo DONN exposed grid systems, for cost effective installation and lightweight seismic ceilings.

Installation requirements

Shall not commence until the building is watertight and dry. These products are designed to be mounted into a two-way exposed grid system and installed to manufacturer's, AS/NZS 2785:2020 Standard's and AWCINZ Code of Practice 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.

Service Panel Protection: Panels are available with temporary foil covering to protect and keep panels clean during the construction phase.

Maintenance requirements

Clean with a vacuum, soft brush or damp cloth. Re-surfacing of damaged 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

Global GreenTag Certified, Class A, contains 80% recycled local glass waste, low VOC <0.002 Mg/M²/hr per ASTM D5116, damaged or soiled panels can be resurfaced to extend useful life and reduce construction waste/ landfill.

Quality Assurance

ISO 9001 (Quality Management)

Relationships

New Zealand Made

Global GreenTag Pty Ltd ASO-TR01-2023-GR

Building Product Information Requirements

Manufacturer

Legal Trading Name:
Asona Limited

Business Email:
info@asona.co.nz

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Company Website:

www.asona.co.nz

Contact Number/s:

+64 09 -5256575

Product Identifier

TR25 TR30HD TR50 TR50HD TR75 TR100 ALL AVAILABLE TYPICALLY AS 600 X 600 AND 600 X 1200, OTHER SIZES AVAILABLE. CONTACT ASONA OR VIEW INDIVIDUAL TDS.

Warnings

This product has no warnings associated with it.

Date last validated: **20 December 2024**

Date last updated: **20 December 2024**