

Asona Triton Sports 40 - impact resistant acoustic ceiling panel

Product Technical Statement: 102453



tough glass fibre acoustical ceiling & wall linings

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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 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 demonstrating how this product complies with the [Building Product Information Requirements](#).



Technical Statement

Product Class

CLASS 1

Product Description

Triton Sports 40™ is a ball impact resistant high sound absorbing and thermal insulating acoustic ceiling system. Panels feature a smooth, high density glass fabric facing, reinforced aluminium foil backing and are held within a heavy duty wide faced grid system with proprietary hold down clips. The system is designed to control noise reverberation in areas subject to impact, knocks and bumps.

Scope of use

Acoustic ceiling and wall panel for use with proprietary suspension grid system suitable for fire exit way and all other sprinklered & non sprinklered buildings.

High sound absorption, ideal for large volume spaces. NRC 0.95 for control of reverberation.

Triton Sports 40™ panel is ideal for use in classrooms, gymnasiums, halls, and corridors to control reverberation and background noise levels.

- 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.
- Wall applications to be above 2.4m.

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 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.

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

C3 Fire – Clause C/AS2 3.4(a):

Asona Triton Sports 40 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.

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:

masterspec partner

Company Contact Details

asona

Company: Asona Limited
Physical Address: 6 Mahunga Drive
Mangere Bridge
AUCKLAND
Postal Address: 6 Mahunga Drive,
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AUCKLAND
Telephone: 64 09 5256575
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BRANZ

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Use in Service History

- Mount Maunganui School
- Westmere School
- Westmount School
- Cambridge Terrace Offices
- Rawhiti School
- Hobsonville Point Intermediate
- Hobsonville Point Primary

Product Criteria

Design requirements

Triton 40 Sport™ is ideal for use in classrooms, gymnasiums, halls, corridors etc to control reverberation and background noise levels. This product is designed to be mounted into a 38mm wide, two-way exposed grid system.

Installation requirements

Shall not commence until the building is watertight and dry. This product is designed to be mounted into a 38mm wide, two-way exposed grid system and installed to manufacturer's, AS/NZS 2785:2020 Standard's and AWCINZ Code of Practice requirements. Use CLW95-40 hold down clips at 300 mm centres to secure panels against uplift from ball impact. Seismic design may require a suitably qualified engineer. May be used for high-level walls above 2.4m. Install using construction adhesive and top hat or cover battens to panel joints. 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 vacuum or soft brush. Re-surfacing of soiled panels available, consult Asona.

Warrantees

Asona Triton Sports 40 is covered by a 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, Level A, low VOC <0.005 Mg/M²/hr per ASTM D5116.

Packaging Take Back Scheme:
site and return to Asona for reuse.

Flat pack cartons on

Renew & Reuse Stewardship Program:
be resurfaced with new Sonatex laminates for reuse in the ceiling. Helps extend life cycle and reduce construction waste. Register on practical completion.

Soiled or damaged panels can

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

Company Website:

www.asona.co.nz

Contact Number/s:

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Product Identifier

TSS40.0612 TSS40.0624 TSS40.1212

Warnings

This product has no warnings associated with it.



Date last validated: **20 December 2024**



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