

Fabric covered acoustic panels

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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

[Test Report - FI 14081](#)



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



Technical Statement

Product Class

CLASS 2

Product Description

Triton Fabwall™ is a high sound absorbing fabric wrapped acoustic wall or ceiling panel system designed to provide an attractive finish and control unwanted noise.

Fabwall™ is available in a wide range of thicknesses, sizes and finishes, allowing almost limitless design and acoustic options.

Also available as Triton Fabwall 50/100 /150 Bass panels, designed for low frequency absorption and Triton Fabwall SB, a continuous site-built membrane system. Refer individual Technical Data Sheets for specific details.

Scope of use

- Triton Fabwall 25™ NRC 0.85, for small rooms.
- Triton Fabwall 40™ NRC 0.95, best for medium sized rooms.
- Triton Fabwall 50™ NRC 1.00, best for office, school, libraries.
- Triton Fabwall 75™ 100, 150, 300, best for max sound absorption. For high frequency, large volume spaces.

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 Fabwall with only normal maintenance will have a minimum durability of at least 5 years when installed in accordance with; manufacturer's installation requirements.

In use history. No test methods available.

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

Clause C/AS2 3.4(a):

Asona Triton Fabwall 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, as tested with polyester fabric. Other fabrics 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

[Test Report - FI 14081](#)

masterspec partner

Company Contact Details

asona

Company: Asona Limited
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Use in Service History

Auckland - Hobsonville Point Secondary School Music Room, Vero HQ, Auckland Art Gallery, Unilodge
55 Symonds St, Ormiston Junior College Theatre, Northcross Community Church, Oteha.

Hamilton - The Base food court, Wintec House atrium.

Palmerston North - Sir Geoffrey Perin Building

Christchurch - Haeata Community Campus theatre

Product Criteria

Design requirements

Triton Fabwall™ is a high sound absorbing fabric wrapped acoustic wall or ceiling panel designed to provide an attractive finish and control unwanted noise.

Permanent and removable mounting options for walls.

Available in a wide range of thicknesses, sizes and fabric finishes which allows multiple aesthetic and acoustic options.

Installation requirements

Triton Fabwall™ panels are a finishing trade. Installation shall not commence until the building is water tight and all work such as plastering, concrete, masonry, carpentry, painting is complete and site free of dust and debris. Not for high impact prone areas, consult Asona for impact resistant acoustic panels options.

Wall mounting non accessible —concealed impaling plates with adhesive fix.

Wall mounting accessible— aluminium split rail and or semi concealed side impaling brackets.

- For interior use only, and not in direct contact with water.
- Maximum humidity/temperature 90% R/H at 30°C.
- Panels with digital printed fabric must not butt together due to image creep formed during the printing process. If large panel images are required then use Fabwall SB stretch fabric site built system with wide format fabric.

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.

Company Product Information

Environmental

Core from 80% recycled local glass waste. Product can be renewed. Low VOC. <0.05

Low VOC, GreenTag certified / Level A.

Quality Assurance



ISO 9001 (Quality Management)

Relationships



New Zealand Made



GreenTag Certified Level A (Sonatex)

GreenTag Certified Level C (Fabric)

Building Product Information Requirements

Manufacturer

Legal Trading Name:

Asona Limited

Business Email:

info@asona.co.nz

Company Website:

www.asona.co.nz

Asona Triton Fabwall acoustic wall panels

Product Technical Statement: 100581



Contact Number/s:

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Product Identifier

FABWALL 25 FABWALL 40 FABWALL 50 FABWALL 75 FABWALL 100 FABWALL 150 FABWALL 300

Warnings

This product has no warnings associated with it.



Date last validated: **15 January 2025**



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