

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

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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 Ltd confirms that this minimum level of assurance has been met or exceeded by the following:

BRANZ Fire Test Report

[Available upon request - FC16581-01-1-C1](#)

Technical Statement

Product Description

Triton 25™ is a made in NZ 25 mm thick 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 T24 grid or TFX24 grid with matching tissue finish.

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.

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

Fire Test Report BRANZ FC16581-01-1-C1

Material group number: 1-S (highest rating) NZBC Verification Method C/VM2 / ISO5660.1

Suitable for fire exit way and all other sprinklered & non sprinklered buildings.

Evidence

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

Clause: C3 Fire affecting areas beyond the fire source

Supporting Evidence

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

BRANZ Fire Test Report

[Available upon request - FC16581-01-1-C1](#)

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



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Company Contact Details



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Design requirements

Triton panels are 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.

Panels lay onto standard Rondo Donn T24 grid (with matching tissue finish option), or wider T38 for larger panel sizes.

Light fittings, or other products incorporated into the ceiling panel shall be independently supported.

It is recommended to use hold-down clips in areas of wind uplift, and install air grilles in the ceiling to balance air pressure differentials. Not to be used for return-air plenums.

Service panel protection - panels are available with a temporary foil covering to protect and keep panels clean during the construction phase.

Soiled or damaged panels can be resurfaced with new laminates for reuse in the ceiling. This helps extend life cycles and reduce construction waste.

For seismic design please consult a structural engineer.

Maintenance requirements

Clean panels with a vacuum, soft brush or damp cloth.

Warrantees

Supply a manufacturers 15 year warranty against manufacturing defects, and durability compliance per NZBC B2 of 5 years for accessible tiles .

Company Product Information

Environmental

NZ manufactured / very low embodied energy materials, superior to imported competitor alternatives. Manufactured locally vs. imported. Lower freight energy costs vs. imports. Contain 85% recycled NZ glass waste vs. imported waste. Packaging is from local recycled material and is reused where possible. High insulation ratings help conserve heating and cooling energy costs over the life of the building. Provides local employment in manufacture and distribution.

We offer our clients a Renew and Reuse stewardship program to renovate and recycle old, soiled or lightly damaged panels with new decorative and acoustic laminates (on site or at the factory), thereby extending their service life instead of consigning them to landfill or the cost of total replacement. The objective is to extend product life cycle, lower maintenance costs, reduce wastage to land fill and to lower the environmental impact of acoustical finishes. For more information please contact Asona Ltd.

Quality Assurance



ISO 9001 (Quality Management)

Relationships



Member of New Zealand Green Building Council



New Zealand Made



GreenTag Certified Level A

AWCI (Association of Wall & Ceiling Industries)



Date last validated: **04 October 2023**



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