

Asona Triton Baffle Beam Acoustic linear ceiling beam

Product Technical Statement: 102433



A linear high sound absorbing glass fibre ceiling baffle beam.

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

BRANZ Fire Test Report

[Available upon request - FH4930](#)

Technical Statement

Product Description

Baffle Beam & Panel™ is a linear beam or panel manufactured from high sound absorbing glass fibre core wrapped in Sonatex™, 2 ply glass mat composite facing. Designed to control reverberation and provide either a linear or cluster aesthetic.

Scope of use

Triton Baffle Beams™ are ideally suited for open plan or corporate offices, corridors, showrooms, galleries, halls, reception areas, atrium's, hospitality, retail and public 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, B2.3.1(c), B2.3.2
- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.4(a)
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Evidence

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

Early Fire Reaction - Group: 1-S, NZBC verification method C/VM2, Appendix A. Suitable for fire exit way and all other sprinklered & non sprinklered buildings.

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 - FH4930](#)

Use in Service History

Auckland - Hobsonville Point Secondary School, Metro Bowling Alley, Devonport Library, Vodafone, Burwood Health, Commercial Bay, Lumino, St Heliers Bay Cafe & Bistro.

Trust Waikato

BoP - Life Pharmacy The Crossing, JWJL

Wellington - Forsyth Bar

Christchurch - Media Works

Product Criteria

Design requirements

Baffle Beams & Panels are ideally suited for open plan offices, corridors, showrooms, galleries, halls, reception areas, atriums, hospitality, retail and public spaces.

Open area between baffles for visible plenum, ideal for security sensitive applications.

Installation requirements

Install the system to AS/NZS 2785 minimum standards. Triton Baffle Beams™ are a finishing trade, installation shall not commence until the building is water tight, dry and free of dust and debris. Space baffles evenly as per drawings, To join panels saw cut ends and use contact adhesive to butt join. Cap open cut ends with Sonatex™.



masterspec partner

Company Contact Details



asona

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Refer Installation Guidelines specific to mounting/suspension type option.

Maintenance requirements

Clean using soft bristled brush, vacuum or a damp cloth.

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

Asona Triton range

- GreenTag Certified / Level A.
- 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.

Quality Assurance



ISO 9001 (Quality Management)

Relationships



Member of New Zealand Green Building Council



New Zealand Made



GreenTag Certified Level A

AWCI



Date last validated: **02 May 2023**



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