Asona Triton Baffle Beam Acoustic linear ceiling beam

Product Technical Statement: 102433

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A linear high sound absorbing glass fibre ceiling baffle beam.
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Level of assurance needed to demonstrate NZ Building Code Compliance
LOW
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
Test Report - FI 18804-01

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

masterspec partner

Company Contact Details

asona

Company:	Asona Limited
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Technical Statement

Product Class

CLASS 1

Product Description

Triton Baffle Beams™ is a made in NZ high sound absorbing ceiling system designed to provide an attractive linear aesthetic and to control unwanted noise. Triton Baffle Beams™ are available in a range of sizes, decorative finishes and mounting systems for direct fix or suspended use.

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.

They can be suspended by a variety of methods or direct fixed to ceiling soffit.

- For interior use only, and not in direct contact with water.
- Maximum humidity/temperature 99% R/H at 45°C.
- Back loading — No overlay loads or M&E services on ECD, limits apply to Rondo DONN grid or Key-Lock/ScrewFix systems.

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 Baffle Beams 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)

  Clause C/AS2 3.4(a):

  Asona Triton Baffle Beam has a Fire Material Group Number 2-S by NZBC verification method C/VM2 Appendix A, tested in accordance with ISO 5660 or ISO 9705. (LPL finish tested).

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 18804-01

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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, JWL

Wellington - Forsyth Bar

Christchurch - Media Works

Product Criteria

Design requirements

Triton Baffle Beams 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.

Triton Baffle Beams can be direct fixed to building/ceiling soffits or suspended via several options.

Installation requirements

Install the system to the manufacturers', AS/NZS 2785 2020 Standard, and AWCI Code of Practice requirements.

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 architectural drawings, To join panels saw cut ends and use contact adhesive to butt join. Cap open cut ends with Sonatex™ or with a small end section from a beam.

Refer to the Triton Baffle Beam Technical Installation Manual for full details.

Maintenance requirements

Clean with vacuum, soft brush or damp cloth.

Warrantees

10 year limited warranty against manufacturing defects.

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.
- Provides local employment in manufacture and distribution.

Quality Assurance

ISO 9001 (Quality Management)

Relationships

New Zealand Made

GreenTag Certified Level A

AWCI

Building Product Information Requirements

Manufacturer

Legal Trading Name:
Asona Limited

Business Email:
info@asona.co.nz

Company Website:
www.asona.co.nz

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Contact Number/s:
+64 09 -5256575

Product Identifier

BB45.6.2445 X 60 X 2400 MM BB45.7.2445 X 75 X 2400 MM BB45.9.2445 X 90 X 2400 MM
BB45.12.2445 X 125 X 2400 MM BB45.17.2445 X 175 X 2400 MM BB45.27.2445 X 275 X 2400 MM
BB45.57.2445 X 575 X 2400 MM

Warnings

This product has no warnings associated with it.

Date last validated: **15 January 2025**

Date last updated: **15 January 2025**