

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

FUGRO Technical Services

[Early Fire Reaction - 161613FU160107\(1\)](#)



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

MetaPan UL™ is an aluminium linear baffle ceiling system designed for commercial interiors. The baffles are available in 3 x depths and a range of standard colours and wood grain effects and the spacing may be varied to suit design and budget requirements. Baffles are connected to a perforated carrier to allow for easy install and demountability. The carrier may be curved for barrel vault designs.

Scope of use

MetaPan UL™ is ideal for commercial interiors, retail, civic, institutional and transport buildings that require a long life accessible linear baffle ceiling.

MetaPan UL is also ideal for security applications due to the open areas between baffles.

This product is to be mounted on a steel suspension system and installed to manufacturer's and AS/NZS 2785:2020

- For interior use only, and not in direct contact with water.
- Maximum humidity/temperature 95% R/H at 45°C.
- Back loading max. distributed load 1.0kg/m², point loads max 0.5 kg or to be independently supported.

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 MetaPan UL Baffles 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 MetaPan has a Fire Material Group Number 1-S (ISO A1) by MBIE Building Performance Surface Finishes Standards Comparison 2938, 01 March 2015 in accordance with EN 13501-1:2007.

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

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FUGRO Technical Services

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Use in Service History

ANZ Takapuna

Product Criteria

Design requirements

Meta-Pan UL™ baffle beams are utilised to provide a screening effect to the soffit/roof/floor of the structure above when viewed from an angle, but allow space between for airflow, security or recessed services.

MetaPan UL™ is ideal for commercial interiors, retail, civic, institutional and transport buildings that require a long life accessible linear baffle ceiling.

Installation requirements

Meta-Pan UL™ baffle beams are attached to a carrier angle/channel which is suspended with hanger wires or rod, and installed to manufacturer's, AS/NZS 2785:2020 Standard and AWCINZ Code of Practice requirements.

Shall not commence until the building is water tight and dry. Light fittings shall be independently supported. Seismic design may require a suitably qualified engineer. Care shall be taken when handling the product to avoid damage. Space baffles evenly as per drawings.

Maintenance requirements

No specific maintenance for B2 compliance.

Clean with damp soapy cloth, rinse with clean water and use chamois for streak free finish.

Warrantees

15 year limited warranty against manufacturing defects.

Company Product Information

Environmental

Meta-Pan UL™ baffle beams aluminium extrusion is fully recyclable.

Quality Assurance



ISO 9001 (Quality Management)

Building Product Information Requirements

Manufacturer

Legal Trading Name:

OEM for Asona

Business Email:

info@asona.co.nz

Company Website:

www.asona.co.nz

Contact Number/s:

+64 09-5256575

Importer

Legal Trading Name:

Asona Limited

Business Email:

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Company Website:

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Contact Number/s:

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Product Identifier

Asona MetaPan UL aluminium baffles

Product Technical Statement: 111529



1. UL1PANEL METAPAN UL BAFFLE 2. UL1-101 UL1-BRACKET (BOLT) 3. WG-101
ANGLE CARRIER 4. WG-104 ANGLE CONNECTOR 5. UL1-105 UL1-BAFFLE
CONNECTOR 6. UL1-104 UL1-END CAP

Warnings

This product has no warnings associated with it.



Date last validated: **21 January 2025**



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