

# Asona Triton Duo 35 Hi-NRC/STC ceiling panels

Product Technical Statement: 100129



Dual layer absorber/ attenuator ceiling 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

[Fire Assessment Report - FAR4593-01-2](#)



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

Triton Duo 35™ is a 35 mm thick dual layer composite absorber/ attenuator ceiling panel with Sonatex™ facer 25mm absorber and high mass 740 kg/m³ 10mm attenuator backer. To compliment any interior, Duo 35 is available in a wide range of decorative acoustic laminate finishes, colours, woodprints, and perforated patterns.

### Scope of use

Designed for control of both room reverberation and speech privacy between offices, meeting rooms and attenuation of rain noise under metal roofing, plenum mechanical services, buildings near aircraft flight paths or train lines. Panels simply lay into standard Rondo Donn exposed grid systems for ease of installation and plenum access where required.

- For interior use only, and not in direct contact with water.
- Not for use with negative air return plenums.
- Maximum humidity/temperature 99% R/H at 45°C.
- Back loading max. 1.5kg/m², point loads 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 ceiling tiles 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 Duo 35 has a Fire Material Group Number 1-S by NZBC verification method C/VM2 Appendix A, tested in accordance with ISO 5660 or ISO 9705.

### 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

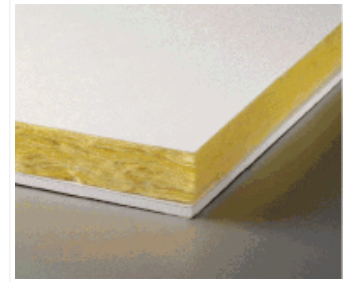
The product has and can make available the following additional evidence to support the above statements:



BRANZ

[Fire Assessment Report - FAR4593-01-2](#)

### Use in Service History



## masterspec partner

### Company Contact Details

**asona**

Company: Asona Limited  
Physical Address: 6 Mahunga Drive  
Mangere Bridge  
AUCKLAND  
Postal Address: 6 Mahunga Drive,  
Mangere Bridge  
Mangere  
AUCKLAND  
Telephone: 64 09 5256575  
Fax: 64 09 5256579  
Email: [info@asona.co.nz](mailto:info@asona.co.nz)  
Website: [www.asona.co.nz](http://www.asona.co.nz)

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Multiple installations within PTS scope.

## Product Criteria

### Design requirements

Triton Duo 35 panels are 1200 x 600mm as standard, with 600 x 600mm and 600 x 2400mm also available. A wide range of decorative finishes, woodgrain, colours and perforations allow unique design possibilities for most installations.

Packaging Take Back Scheme: (NZ only) Flat pack cartons on site and return to Asona for reuse.

Renew & Reuse Stewardship Program: (NZ only) Soiled or damaged panels can be resurfaced with new Sonatex or Sonaris laminates for reuse in the ceiling. Helps extend life cycle and reduce construction waste. Register on practical completion.

### Installation requirements

Shall not commence until the building is watertight and dry. This product is designed to be mounted into a two-way exposed grid system and installed to manufacturer's, AS/NZS 2785:2020 Standard's and AWCINZ Code of Practice requirements. Seismic design may require a suitably qualified engineer. Hold down clips may be required in areas of wind uplift, and/or air grilles used to balance air pressure. Care shall be taken when handling tiles to avoid damage.

Service Panel Protection: Panels are available with temporary foil covering to protect and keep panels clean during the construction phase.

### Maintenance requirements

Clean with a vacuum, soft brush or damp cloth. Re-surfacing of damaged panels available, consult Asona..

### Warrantees

Triton Duo 35 is covered by a 15 year limited warranty against manufacturing defects, extendable to 30 years when registered for Asona's Renew and Reuse program.

## Company Product Information

### Environmental

Duo 35 is Global GreenTag Certified, Level A, contains 80% recycled glass waste, low VOC <0.005 Mg/M<sup>2</sup>/hr per ASTM D5116. Packaging return, panel Renew and Reuse programs.

### Quality Assurance



ISO 9001 (Quality Management)

### Relationships



New Zealand Made



Global GreenTag Pty Ltd ASO-TR01-2023-GR

## Building Product Information Requirements

### Manufacturer

#### Legal Trading Name:

Asona Limited

#### Business Email:

info@asona.co.nz

#### Company Website:

[www.asona.co.nz](http://www.asona.co.nz)

#### Contact Number/s:

+64 09 -5256575

### Product Identifier

TD35.0606 35 X 600 X 600 MM A / SQUARE TD35.0612 35 X 600 X 1200 MM A / SQUARE

### Warnings

This product has no warnings associated with it.



Date last validated: 20 December 2024



Date last updated: 20 December 2024

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