

# Asona Triton Hygiene 25 - Hygienic acoustical ceiling panel

Product Technical Statement: 111526



NZ made with a wipeable antimicrobial faced composite fibre sound absorbing ceiling panel.

[View miproducts listing](#)



## 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:

Biodet Services Ltd

[ANTIBACTERIAL ACTIVITY TEST REPORT - 24/51752A](#)



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 Hygiene 25™ is a made in NZ, 'soft' fibre ceiling panel with anti-microbial finish, designed to provide high sound absorption in hygiene sensitive areas.

Smooth, white anti-microbial facing is easy to wipe clean.

Panel face is treated with an anti-microbial coating for high kill rate against common bacteria. Tested to Japanese Standard JIS Z2801:2000, achieves 99.95% minimum over 24 hours for:

- Staphylococcus aureus,
- Eschericia coli (Ecoli),
- Pseudomonas aeruginosa,
- Acinetobacter baumannii,
- Serratia marcescens.

### Scope of use

Triton Hygiene 25™ is ideal for cafes, restaurants, school food techrooms, medical/dental centres and pharmaceutical areas for the control of background noise levels and reverberation times.

This product is designed to be mounted into a two-way exposed grid system.

- 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 Hygiene 25 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.

- **Clause G3 Food preparation and prevention of contamination:** Performance G3.3.2(a)

*G3.3.2 Spaces for food preparation and utensil washing shall have: (a) Interior linings and work surfaces shall be impervious and easily cleaned.*



Albany High School - Food Tech Classroom

**masterspec partner**

### Company Contact Details

**asona**

Company: Asona Limited  
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Asona Triton Hygiene 25 has a smooth impervious surface and easily cleaned. Additionally it has been tested to Japanese Standard JIS Z2801:2000, achieves 99.95% minimum over 24 hours for:

- Staphylococcus aureus
- Eschericia coli (Ecoli)
- Pseudomonas aeruginosa
- Acinetobacter baumannii
- Serratia marcescens

## Evidence

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

B2 Durability, C3 Early Reaction to Fire, G3 Food preparation and prevention of contamination

## Supporting Evidence

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



Biodet Services Ltd

[ANTIBACTERIAL ACTIVITY TEST REPORT - 24/51752A](#)

## Use in Service History

Albany High School, food tech room

Goodman Fielder training room

## Product Criteria

### Design requirements

Triton Hygiene 25™ is ideal for cafes, restaurants, school food tech rooms, medical/dental centres and pharmaceutical areas for the control of background noise levels and reverberation times.

Available with optional foil backing to resist water damage from condensation in plenum.

This product is designed to be mounted into a two-way exposed grid system.

Renew & Reuse Stewardship Program:

Soiled or damaged panels can be resurfaced with new Sonatex™ Hygiene laminate 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.

### Maintenance requirements

May be cleaned with a damp soapy cloth, clean away residual soap and dry after cleaning. Not suitable for high pressure water blast cleaning techniques.

### 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

From 80% recycled local content, product and packaging can be recycled in NZ. Refer Asona product stewardship program. VOC <0.002 Mg/M<sup>2</sup>/hr per ASTM D5116.

Soiled or damaged panels can be resurfaced with new Sonatex™ Hygiene laminate for reuse in the ceiling. Helps extend life cycle and reduce construction waste. Register on practical completion.

Packaging Take Back Scheme: (NZ only)  
return to Asona for reuse.

Flat pack cartons on site and

### Quality Assurance



ISO 9001 (Quality Management)

### Relationships



New Zealand Made

# Asona Triton Hygiene 25 - Hygienic acoustical ceiling panel

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## 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

THH25.0606 25 X 600 X 600 MM A / SQUARE THH25.0612 25 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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