

Triton Hygiene 25™ NRC 0.90

Washable, anti-microbial faced acoustic ceiling panel

Technical Data sheet—BPIR Class 1



asona

Description.

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

Application.

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.

Composition.

Manufactured from smooth anti-microbial coated Sonatex™ composite facer panel laminated to a 48 kg/m³ bio-soluble glass fibre absorber. Optional foil backed. Suspension grid from galvanised steel.

Features & Benefits.

- Smooth anti-microbial facing is easy to wipe clean.
- Provides very good sound absorption from 250 - 2000 Hz, NRC 0.90, ISO 11654 class A, α_W 0.90(LM). Helps reduce background noise and reverberation.
- Fire material group # 2-S.
- Made in NZ, short lead times including replacement parts.
- Product stewardship Renew and Reuse program available.
- Packaging take back and reuse scheme available. (NZ only)
- GreenTag Certified level A, low VOC, core contains 80% recycled post consumer waste glass.
- Durable and dimensionally stable in high humidity.
- Panels available with strippable foil option to better protect the decorative finish during the construction phase.
- Light weight, lower seismic design costs, easy to work and trim.
- Available with optional foil backing to resist water damage from condensation in plenum.

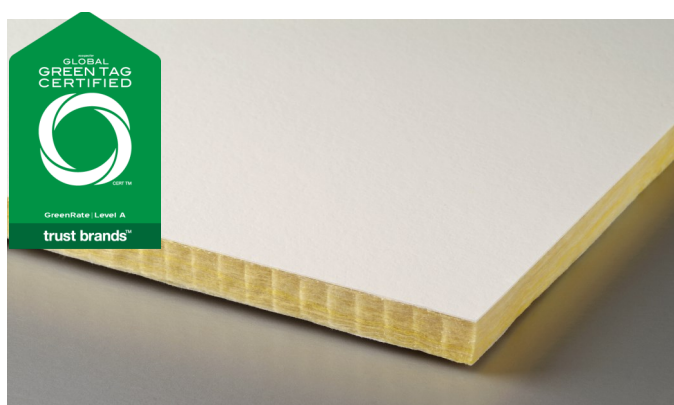


Albany High School—Food Tech Classroom

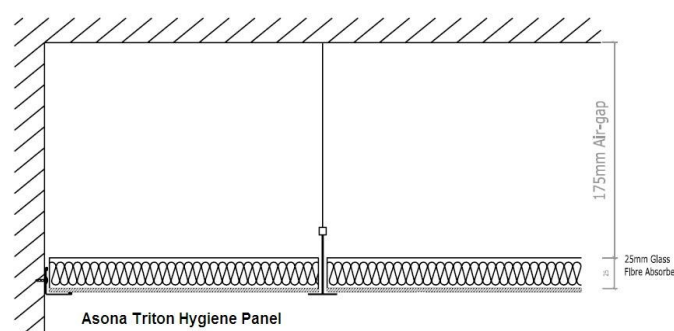
Technical Specifications

Item #	Size (nominal) *	Edge
THH25.0606	25 x 600 x 600 mm	A / Square
THH25.0612	25 x 600 x 1200 mm	A / Square

Imperial 2 x 2', 2' x 4' and custom sizes to order.



Sound Absorption Rating: TH25						
α_W 0.90(LM); Class A; NRC 0.90 per ASTM C423						
ISO 354 E-200, Test report T1819-1						
Hz	125	250	500	1000	2000	4000
α_p	0.60	0.90	0.95	0.85	0.90	0.80



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Accessibility:

All panels are demountable and accessible.

Colour:

White.

Environmental Impact:

Global GreenTag Certified, Level A, contains 80% recycled glass waste, low VOC <0.002 Mg/M²/hr per ASTM D5116. Packaging return, panel Renew and Reuse programs.

Light Reflectance Value:

83% per BS8493:2008, White.

Limitations:

- 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.

Maintenance:

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

NZ Building Act

This product is not subject to a warning or ban under Section 26.

NZ Building Code Compliance:

• B2 Durability – Clause B2.3.1 (c) (i): 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.

C3 Fire – 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.

(NCC BCA C1.10 clause 4, spec A2.4 clause 4. Group 2)

Packaging Take Back Scheme: (NZ only)

Flat pack cartons on site and return to Asona for reuse.

Renew & Reuse Stewardship Program:

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.

Thermal Resistance:

R 0.74 m²°C/W.

Warranty:

15 year limited warranty against manufacturing defects, extendable to 30 years when registered for Asona's Renew and Reuse program.

Weight:

1.5 kg/m².

Installation:

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 and AS/NZS 2785:2020 Standard's 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.



Goodman Feilder—Training Room

Specification:

Ceiling system shall be Triton Hygiene 25™ composite acoustical ceiling manufactured and supplied by Asona Ltd Tel: 09 525 6575 info@asona.co.nz, Selected panel shall be item # (), size 25 x 600 x ()mm, square edge with coated Sonatex™ anti-microbial laminate finish (white), backed with optional (METPET)(Aluminium) foil. Sound absorption Class A, α W 0.90, NRC 0.90, thermal insulation R 0.74, Fire Group 2-S. Suspension system shall be Rondo Donn DX two way exposed grid system with 19 x 22 mm wall trim, grid colour (white). (Supply service panels with protective removable film). Contractor shall flat pack packaging and return to Asona for reuse and register the ceiling with Asona Renew and Reuse product stewardship program on practical completion. (Asona ceiling Masterspec 5311AS specification available).

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ISO 9001:2015 Registered Firm No. NZ1014

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*All dimensions are nominal. We reserve the right to change specifications.
Ref. Triton H25-24.03

