

Triton Hygiene 25™ NRC 0.90

Washable, anti-microbial faced acoustic ceiling panel

Technical Data sheet



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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.

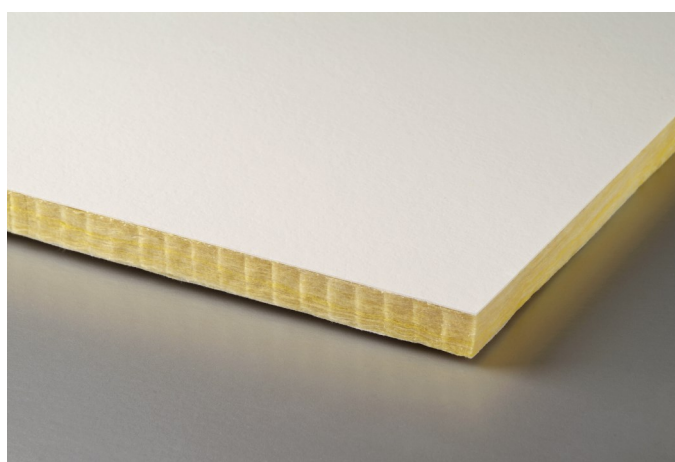
- Smooth anti-microbial facing is easy to wipe clean.
- Provides very good sound absorption from 250 - 2000 Hz, NRC 0.90, ISO 11654 class A, α_W 0.90(LM). Helps reduce background noise and reverberation.
- Fire Group 2-S.
- Made in NZ, short lead times including replacement parts.
- Product stewardship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



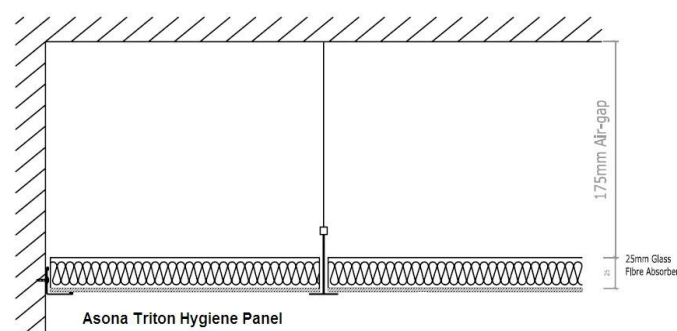
Technical Specifications

Item #	Size (nominal) *	Edge
TH25.0606	25 x 600 x 600 mm	A / Square
TH25.0612	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.

Back Loading:

Max. 1.5 kg/m², point loads shall be independently supported.

Colour:

White.

Environmental Impact:

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

Fire Reaction:

Material Group: 2-S, C/VM2 / ISO 5660.1.

Humidity:

Max 99% R/H at 45°C.

Light Reflectance Value:

83% per BS8493:2008, White.

Maintenance:

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. Consult Asona.

NZ Building Code:

Clause B2—durability, 5 years.

Stewardship Program:

Register the ceiling installation on practical completion with Asona Renew and Reuse program.

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 water tight and dry. Light fittings shall be independently supported, use hold down clips in areas of wind uplift. For suspended ceilings, it is recommended that air grilles be installed in the ceiling to balance air pressure differentials. Not for air return plenums. Follow industry standard installation methods for two way exposed ceiling systems, for seismic design please consult a structural engineer.

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, αW 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).



Goodman Feilder—Training Room



Albany High School—Food Tech Classroom

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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 H25-23-03

