

Triton Hygiene™ NRC 0.45

Washable, anti-microbial faced acoustic ceiling panel

Technical Data sheet



asona

Description.

Triton Hygiene™ is made in NZ with a washable anti-microbial faced composite 'soft' fibre sound absorbing ceiling panel designed to provide sound absorption in hygiene sensitive areas.

Application.

Triton Hygiene™ is ideal for use in commercial kitchens, food bars, school food tech rooms, abattoirs, pharmaceutical areas for the control of background noise levels and reverberation times. Our panel has an impervious surface and complies to NZBC clauses G3.3.2 : *Spaces for food preparation and utensil washing shall have: (a) Interior linings and work surfaces shall be impervious and easily cleaned.*

Composition.

Manufactured from smooth anti-microbial coated Sonatex™ 250 kg/m³ composite facer panel laminated to a 48 kg/m³ bio-soluble glass fibre absorber. T24 suspension grid from galvanised steel. Optional foil backed. Made in NZ.

Benefits.

- Impervious smooth anti-microbial facing is easy to wipe clean, complies to NZBC clause G3.3.2.
- Provides good sound absorption from 125 to 1000 Hz, NRC 0.45, ISO 11654 class D, α_w 0.3(LM). Helps reduce back ground noise and reverberation.
- Dimensionally stable in high humidity, light weight and easy to install.
- Made in NZ, short lead times vs imports
- Available with foil backing to resist water damage from condensation in plenum.

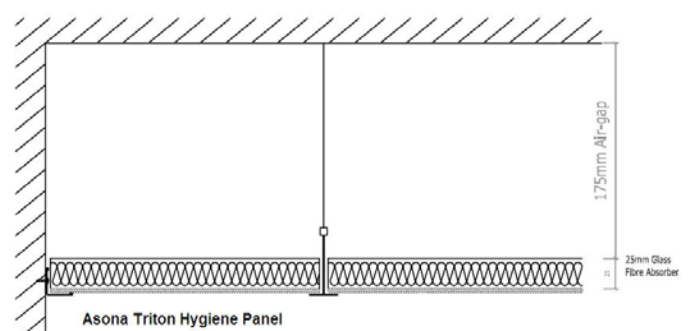
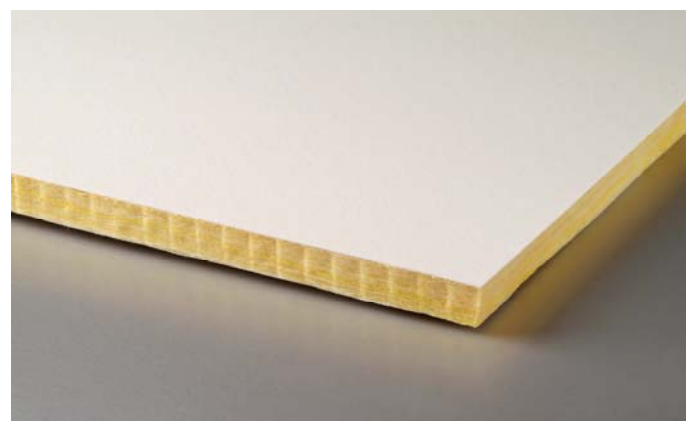


Technical Specifications

Item #	Size (nominal) *	Edge
TH25.0606	25 x 600 x 600 mm	A / Square
TH25.0612	25 x 600 x 1200 mm	A / Square
TH50.0606	50 x 600 x 600 mm	A / Square
TH50.0612	50 x 600 x 1200 mm	A / Square
TH50.1224	50 x 1200 x 2400 mm	A / Square
TH50.1212	50 x 1200 x 1200 mm	A / Square

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

Sound Absorption Rating:						
α_w 0.3(LM); Class D; NRC 0.45 per ASTM C423						
ISO 354 E-200, Test report T0516-11						
Hz	125	250	500	1000	2000	4000
α_p	0.65	0.55	0.60	0.45	0.25	0.15



Technical Specifications

Accessibility:

All panels are demountable and accessible

Back loading:

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

Colour:

White, others to order

Environmental impact:

From 80% recycled local content, low embodied energy, product and packaging can be recycled in NZ.

Fire Reaction:

Material group number: 2, C/VM2 / ISO 5660.1,

Humidity:

Max 99% R/H at 45°C.

Light reflectance:

ASTM C1477 LR-1, >75% white

Maintenance:

May be cleaned with a damp soapy cloth daily. Not suitable for high pressure water blast cleaning techniques. Consult Asona.

NZ Building Code:

Clause B2.3.1 (c) 5 years.

Clause G3.3.2, : (a) Interior linings shall be impervious and easily cleaned.

Thermal Resistance:

R 0.7 m²°C/W

Weight:

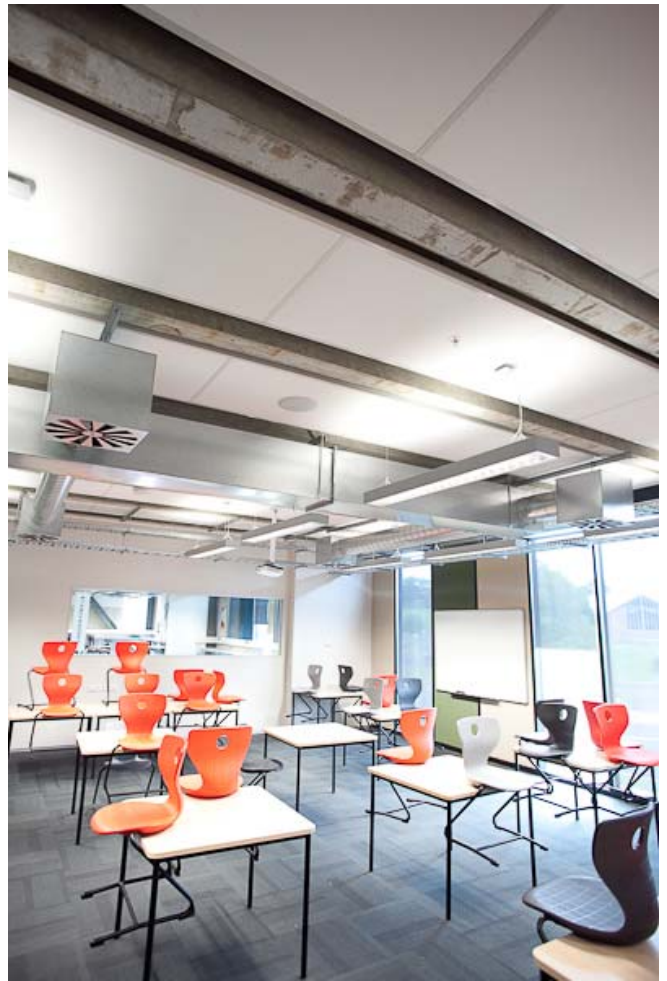
1.5 kg/m²

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.

Specification:

Ceiling system shall be Triton Hygiene™ composite acoustical ceiling manufactured and supplied by Asona Ltd Tel: 09 525 6575 Fax: 09 525 6579, # () , module () x ()mm, (50) (25) mm thick, backed with (METPET) (Aluminium) foil, sound absorption Class D, αW 0.30(LM), NRC 0.45, thermal insulation R0.7, fire group: 2, colour white installed on T24 two way exposed suspension system.



Goodman Feilder—Training Room



Albany High School—Food Tech Classroom

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ISO 9001:2008 Registered Firm No. NZ1014

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