

Triton Hygiene™



Washable Vinyl Faced Acoustical Ceiling Panel

Technical Data sheet

ASONA

Description.

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

Application.

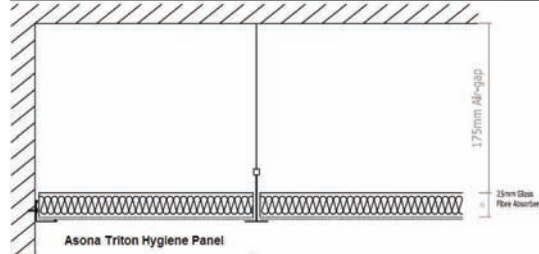
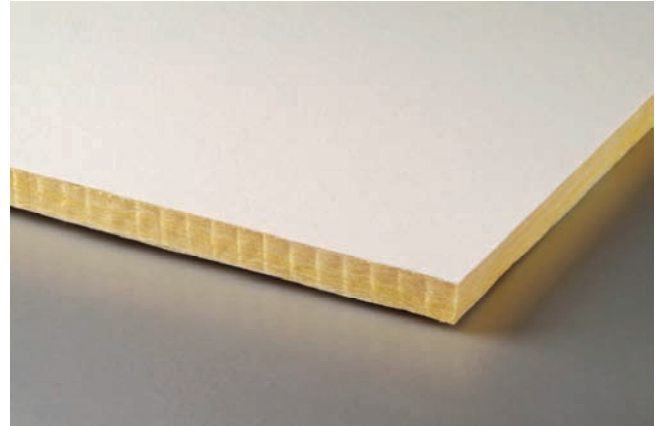
Triton Hygiene™ is ideal for use in commercial kitchens, food bars, school food tech rooms, abattoirs, pharmaceutical areas to control of background noise levels and reverberation times.

Composition.

Manufactured from smooth vinyl 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. Made in NZ.

Benefits.

- Impermeable smooth vinyl coating is easy to wipe clean, suitable for daily wet cleaning.
- Provides good sound absorption from 125 to 1000 Hz, NRC 0.45, ISO 11654 class D, α_W 0.3(LM). Helps reduce background noise and reverberation.
- Dimensionally stable in high humidity, light weight and easy to install.
- Made in NZ, short lead times vs imports



Technical Specifications

Item #	Size (nominal) *	Edge
AC52534A	25 x 600 x 1200 mm	A / Square
AC52544A	25 x 1200 x 1200 mm	A / Square

* Others to order, width 300—1200 mm, length 400—2400 mm i.e. panels for corridors, edge panels to reduce wastage.

Sound Absorption Rating:						
α_W 0.3(LM); Class D; NRC 0.45 per ASTM C423 ISO 354 E-200, Test report T0516-06						
Hz	125	250	500	1000	2000	4000
α_p	0.65	0.55	0.60	0.45	0.25	0.15

Accessibility:

All panels are demountable and accessible

Back loading:

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

Colour:

White

Environmental impact:

From 60% recycled local content, low embodied energy, product and packaging can be recycled in NZ.

Fire Reaction:

AS1530 pt 3.

Smoke developed 5, spread of flame 0.

Humidity:

Non hydroscopic, dimensionally stable, resists fungi and stains Max 99% R/H at 45°C.

Light reflectance:

ASTM C1477 LR-1, >75%

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—durability, 5 years

Patent Pending:

NZP531386

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, 25 mm thick, sound absorption Class D, α_W 0.30 (LM), NRC 0.45, thermal insulation R0.7, colour white installed on T24 two way exposed suspension system. .

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