

Asona Triton 25™ - NRC 0.95

High Sound Absorbing Ceiling Panel

Data sheet



ASONA



Orara Library, Triton 25, 1200 x 1200mm, DX grid

Description.

Asona Triton 25™ is a made in NZ 25 mm thick ISO class A high sound absorbing glass fibre ceiling panel finished with toughened Sonatex™ glass mat composite facing for a clean mat white look. Panels lay onto standard T24 grid or TFX24 grid with matching tissue finish.

Application.

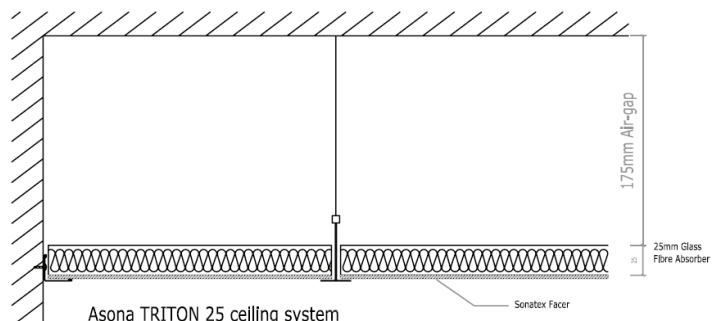
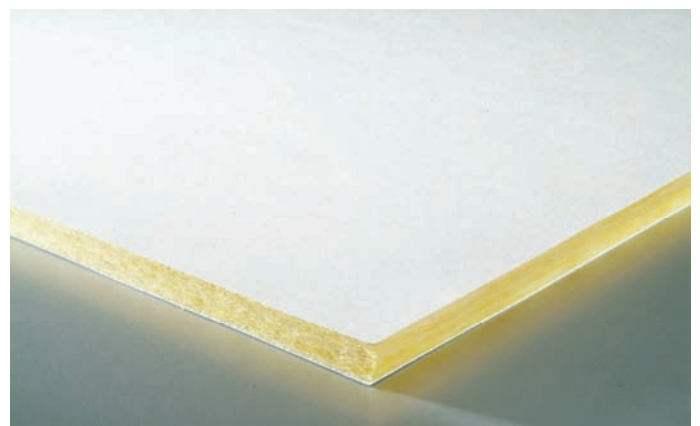
Asona Triton 25™ is ideal for use in open plan offices, schools, call centres, libraries and other applications that require control of background noise levels and reverberation times.

Composition.

Manufactured from 48 kg/m³ bio-soluble glass fibre board faced with dual layer Sonatex™ glass mat composite sheet in either mat white or black, may be factory painted to other colours. Suspension grid from galvanised steel. Made in NZ.

Benefits.

- Very high sound absorption rating to control reverberation, NRC 0.95, ISO 11654 class A, α_W 1.0, provides more absorption per sq.m than other acoustic materials.
- Made locally in NZ, short lead times, custom sizes available
- Contains 60% recycled local glass waste, saves on waste
- Low embodied energy and low transport km's vs. imports
- Mat white Sonatex composite facing provides high light reflectance and a durable finish to the ceiling
- Easy to work, dimensionally stable in high humidity
- Use 1200 x 1200 with TFX grid for monolithic aesthetic



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Technical Data

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Coda Digital Music shop, Triton 25, 1200 x 1200 on TFX tissue faced grid



Aesthetic Lighting showroom, Auckland, Triton two tone panels, 1200 x 300, 1200 x 600 mm on T15 grid

Technical Specifications

Item #	Size (nominal) *	Edge
AC32533A	25 x 600 x 600 mm	A / Square
AC32534A	25 x 600 x 1200 mm	A / Square
AC32535A	25 x 600 x 1800 mm	A / Square
AC32536A	25 x 600 x 2400 mm	A / Square
AC32544A	25 x 1200 x 1200 mm	A / Square

Sound Absorption Rating:

α_W 1.0; Class A; NRC 0.95 per ASTM C423
ISO 354 E-200, Test report T0405-05, standard white or black

Hz	125	250	500	1000	2000	4000
α_p	0.55	0.85	1.00	0.95	1.00	1.00

Accessibility:

All panels are demountable and accessible

Back loading:

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

Colour:

White & black as standard, also in Resene paint finish to order

Environmental impact:

From 60% recycled local glass waste, low embodied energy, product and packaging can be recycled in NZ. Consult Asona

Fire Reaction:

AS1530 pt 3.
Smoke developed 3, 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:

Clean with vacuum, soft brush or damp cloth.
Re-surfacing of panels available, consult Asona.

NZ Building Code:

Clause B2—durability, 5 years

Service Panels:

Available with protective plastic film covering to help keep panels cleaning during the construction phase.

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. It is recommended that air grilles be installed in the ceiling to balance air pressure differentials.

Specification:

Ceiling system shall be Asona Triton 25 high sound absorbing ceiling as manufactured by Asona Ltd Tel: 09 525 6575 Fax: 09 525 6579, # (), module () x ()mm, 25 mm thick, sound absorption Class A, α_W 1.0, NRC 0.95, thermal insulation R0.7, colour (white)(black)(other), with proprietary colour/texture matched TFX glass tissue faced two way exposed suspension system. Supply service panels with protective strippable plastic film facing.

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