

Triton 50 Bass™ NRC 1.05

Low Frequency Sound Absorbing Ceiling Panel

Technical Data sheet



asona

Description.

Triton 50 Bass™ is a proprietary low frequency sound absorbing ceiling panel designed to control unwanted reverberation in the low to mid frequencies and reflect high frequency sound.

Application.

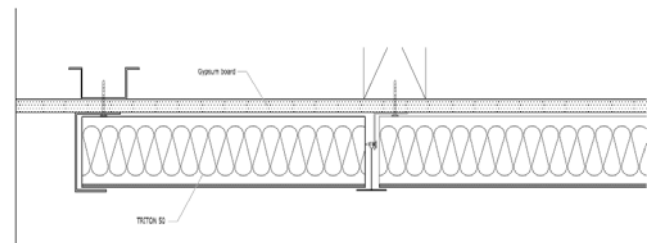
Triton 50 Bass™ is ideal to balance room acoustics in offices, educational facilities, music rooms, halls, studios.

Composition.

Made in NZ from proprietary Sonatex™ bass facing laminated to a 48 kg/m³ bio-soluble glass fibre absorber. Suspension grid from galvanised steel.

Benefits.

- Good sound absorption at low frequencies, reflective at high Hz, designed to balance room acoustics.
- Proprietary Sonatex™ composite facer, can be mixed and matched with other Triton or Diffusion reflector panels.
- Made in NZ, low embodied energy, contains 80% recycled local glass waste, low transport km's vs. imports
- GreenTag Certified / Level A



Technical Specifications

Item #	Size (nominal) *	Edge
TB50.0612A	50 x 600 x 1200 mm	A / Square
TB50.1212A	50 x 1200 x 1200 mm	A / Square

* Other sizes to order, width 300—1200 mm, length 400—2400 mm i.e. panels for corridors.

Sound Absorption Rating:						
ISO 354 A Mount α W 0.45(L); Class D; Test report T0817-2						
E-200 mount, α W 0.45(L); Class D Test report T0817-4						
Hz	125	250	500	1000	2000	4000
E200	0.75	0.75	0.60	0.50	0.40	0.35
A mnt	0.50	0.95	0.70	0.50	0.35	0.35

Accessibility:

All panels are demountable and accessible

Back loading:

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

Colour:

White, black, other colours to order.

Environmental impact:

From 80% recycled local content, low embodied energy, product and packaging can be recycled in NZ. VOC <0.002 Mg/M²/hr per ASTM D5116

Fire Reaction:

Material group number: 1S (highest rating) C/VM2 / ISO 5660.1. Suitable for fire exit way and all other sprinklered & non sprinklered buildings.

Humidity:

Max 95% R/H at 45°C.

Light reflectance:

ASTM C1477 LR-1, >75% White

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, **Thermal Resistance:**

R 1.47 m²°C/W

Weight:

3 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. Main tees at 1200 mm centres, cross tees at centres to suit module.

Specification:

Acoustical treatment shall be proprietary Triton 50 Bass™ low frequency sound absorbing panels as made by Asona Ltd Tel: 09 525 6575 Fax: 09 525 6579, # () , module () x ()mm, 50 mm thick, sound absorption Class D, α W 0.45 (L), thermal insulation R0.7, fire group 1S, colour white, with two way exposed suspension system. Panels shall be (suspended) / direct fixed under solid lining.

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