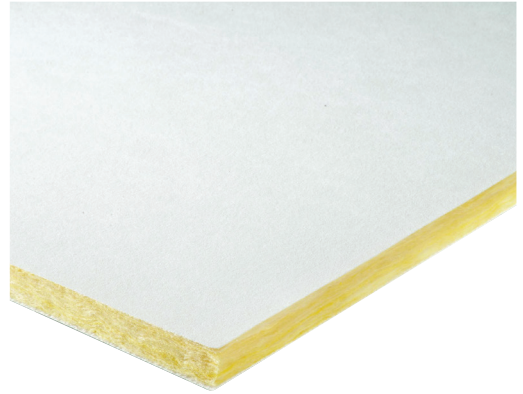


## High Sound Absorbing Ceiling Panel

# TRITON 25™



### Description

Triton 25™ is a made in NZ, high sound absorbing glass fibre ceiling panel designed to control unwanted noise in interior spaces. Triton is available in a wide range of decorative Sonatex™ acoustic laminate finishes from plain white greys, black, colours, prints and Sonaris™ perforated laminates.

### Features and Benefits

- Very high sound absorption to assist with controlling reverberation;  $\alpha^w$  1.00, 1.00, NRC 0.95, SAA 0.95
- Available in a broad range of decorative acoustic laminate finishes to better match your interior design scheme
- Panels available with strippable foil option to better protect the decorative finish during the construction phase
- Green Tag Certified / Level A, low VOC >0.005 mg m<sup>2</sup>, core contains 80% recycled post consumer waste glass
- Light weight, easy to work, dimensionally stable in high humidity

### Applications

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

### Sound Absorption Rating

50mm thick panel	$\alpha^w$ 11.00 - Class A (AS ISO 11654); NRC 0.95 / SAA 0.95 (ASTM C423); Type E-200 mounting (ASTM E795); University of Auckland Test report T0405-05					
Hz	125	250	500	1000	2000	4000
ap	0.55	0.85	1.00	0.95	1.00	1.00

### Technical Specifications

Item #	Size (nominal) *	Edge
TR25.0312	25 x 300 x 1200mm	A / Square
TR25.0606	25 x 600 x 600mm	A / Square
TR25.0612	25 x 600 x 1200mm	A / Square
TR25.0618	25 x 600 x 1800mm	A / Square
TR25.0624	25 x 600 x 2400mm	A / Square
TR25.1212	25 x 1200 x 1200mm	A / Square

\* Special sizes to order, max width 600mm, length 2400mm

### 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.

### Substrate

Manufactured in NZ from 48kg m<sup>3</sup> resin bonded bio-soluble glass wool with heavy duty 320 gsm Sonatex™ composite facing. Suspension grid from coated steel or aluminium.

### Specification

Ceiling system shall be Triton 25 high sound absorbing ceiling from compressed bio-soluble glass wool with heavy duty 320 gsm Sonatex™ composite facing as supplied USG Boral, (□), module (□) x (□) mm, 25 mm thick, sound absorption Class A, α<sup>w</sup> 1.0, NRC 0.95, thermal insulation R0.7, fire group is 1S, Sonatex™: White AS180, Mid Grey RAL7040, Light Grey RAL7030, Grey White RAL9002, Wood Wool Print, Plaster Print, Wood Print over

RAL1014 Oak, Wood Print over RAL1013 Blond, Wood Print over RAL8019 Walnut, Zinc Yellow RAL1018, Ivory RAL1014, Graphite Black RAL9011, Traffic Red RAL3020, Orient Red RAL3031, Traffic Orange RAL2009, Traffic Green RAL6032, Aqua RAL6027. Sonaris™ (perforations) with two way exposed suspension system. Supply service panels with protective strippable plastic film facing.

### Finishes

Sonatex™, Sonaris™ perforations, colours: White AS180, Mid Grey RAL7040, Light Grey RAL7030, Grey White RAL9002, Wood Wool Print, Plaster Print, Wood Print over RAL1014 Oak, Wood Print over RAL1013 Blond, Wood Print over RAL8019 Walnut, Zinc Yellow RAL1018, Ivory RAL1014, Graphite Black RAL9011, Traffic Red RAL3020, Orient Red RAL3031, Traffic Orange RAL2009, Traffic Green RAL6032, Aqua RAL6027.

### Product Data

**Humidity:**  
Max 99% RH at 45°C.

**Light Reflectance:**  
ASTM C1477 LR-1, >75%  
White

**Maintenance:**  
Clean with vacuum, soft brush or damp cloth

**Warranty Period:**  
5 years

**Weight:**  
1.5kg m<sup>2</sup>

**Thermal Resistance:**  
R = 0.7 m<sup>2</sup>K/W

**Accessibility:**  
All panels are demountable and accessible

**Backloading:**  
Max. 1.5kg m<sup>2</sup>, point loads shall be independently supported

**Service Panels:**  
Available with strippable protective plastic film covering to help keep panels cleaning during the construction phase

**Environmental Impact:**  
Board manufactured in NZ from 80% recycled glass waste, low VOC less than 0.002 mg m<sup>2</sup> hr, low embodied energy, low transport km's vs imports.

#### Fire Reaction

Standard	Flame Spread	Smoke Developed
ASTM E84	<25	<50
AS/NZS 3837	Group Number Classification: 1 unsprinklered	
ISO 5660 Parts 1 & 2	Group Number Classification: 1 - S	

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