

**High Sound Absorbing Ceiling Panel**

**TRITON CLOUD PANEL™**



**Description**

Triton Cloud Panel™ is a proprietary edge wrapped glass fibre, high sound absorbing acoustic panel faced with either Sonatex™ glass mat acoustic facing, 1963 woven glass fabric or wrapped in fabric.

**Features and Benefits**

- Glass fibre core provides very high sound absorption, NRC 1.00,  $\alpha^w$  1.00
- Clean frameless look with wrapped edges eliminates the unsightly edge framing common with other panels
- High light reflectance in standard white, colours available
- Available in standard or custom sizes
- Available with reinforced aluminium edges or frameless
- Dimensionally stable in high humidity, optional Pool Panel version for use in indoor pool areas
- Made in NZ, low embodied energy, 80% recycled content
- Available in 40, 50, 75, 100mm thicknesses
- Large selection of fabrics available
- Width 1200mm max, length to 3000mm subject to type

**Applications**

Triton Cloud Panel™ is designed as a free floating acoustic ceiling panel or direct fixed ceiling and wall panel. Ideal for call centres, offices, corridors, schools, halls and gymnasiums.

**Sound Absorption Rating**

50mm thick panel	$\alpha^w$ 1.00 - Class A (AS ISO 11654); NRC 1.05 / SAA 1.01 (ASTM C423); Type E-200 mounting (ASTM E795) - University of Auckland Test Report T0601-2					
Hz	125	250	500	1000	2000	4000
ap E200	0.70	1.00	1.00	1.00	1.00	0.95
ap Type A Mount	0.25	0.85	1.00	1.00	0.95	0.90

**Installation**

Shall not commence until the building is water tight and dry. Light/mechanical fittings shall be independently supported, place mounting board at rear of panel to support fixtures. Mount panels on hanger wire or direct fix brackets @ 1200 centres. Substrates not to use panels for support.

**Substrate**

Made in NZ from 80% recycled bio-soluble glass fibre core, laminated with Sonatex™ composite or white woven glass fabric or other fabric wrapped finishes.

**Specification**

Acoustical treatment shall be Triton Cloud Panel™, from glass fibre core, (reinforced edges) or (frameless) wrapped in (2 ply Sonatex glass mat composite)(1963 White woven glass fabric) (Fabric) finish to face and edges as supplied by USG Boral, item # ( ), module ( ) x ( )mm Technical Specifications (40)(50)(75)(100) mm thick, sound absorption Class A,  $\alpha^w$  1.0, NRC 1.00, thermal insulation R1.47, fire group: 1S, colour ( ) or fabric( ). Mount panels to structure via (suspension wire), (direct fix brackets) fixings @ 1200mm centres. Supply service panels with protective strippable plastic film facing.

**Finishes**

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 or 1963 White Glass Woven Fibre Fabric or standard fabric ranges. Other colours and fabrics to order.

**Product Data**

<p><b>Humidity:</b> Max 90% RH at 45°C</p> <p><b>Light Reflectance:</b> ASTM C1477 LR-1, &gt;75% White</p>	<p><b>Maintenance:</b> Clean with vacuum, soft brush or damp cloth</p> <p><b>Warranty Period:</b> 5 years</p> <p><b>Weight:</b> 3.75kg m<sup>2</sup></p>	<p><b>Tolerances:</b> Less than -3mm per panel</p> <p><b>Environmental Impact:</b> Core manufactured from 80% recycled local waste glass. Low VOC &lt;0.002 mg m<sup>2</sup> hr per ASTM D5116</p>
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**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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