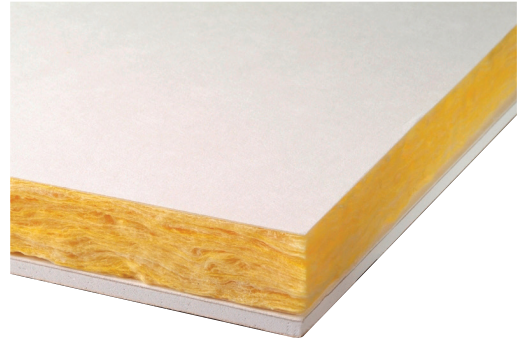


**Composite Ceiling Panels**

**TRITON DUO 60™**



**Description**

Triton Duo 60™ is made in NZ 60mm thick ISO class A composite acoustical ceiling panel designed to provide very high sound absorption to assist with controlling reverberation and with high mass to attenuate transmitted rain noise from metal roofs.

**Features and Benefits**

- Very high sound absorption, NRC 0.95,  $\alpha^w$  1.00, for reduction of background noise & reverberation
- Plasterboard backer, CTS22 dB (CAC44) reduces external and over-partition noise
- Plain Sonatex™ or perforated Sonaris™ decorative finish
- Clean white high light reflectance
- Easy to install, dimensionally stable
- GreenTag Certified

**Applications**

Triton Duo 60™ is ideal for use in open office and callcentre ceilings under metal roofs to muffle rain noise whilst providing excellent absorption to reduce reverberation. Also ideal to reduce over-partition noise between rooms such as adjoining office spaces and the like.

**Installation**

Shall not commence until the building is water tight and dry. M/E fittings over 1.5 kg shall be independently supported, use hold down clips in seismic areas.

**Sound Absorption Rating**

50mm thick panel	$\alpha^w$ 1.00 - Class A (AS ISO 11654); NRC 0.95 / SAA 0.95 (ASTM C423); Type E-200 mounting (ASTM E795); University of Auckland Test Report T0516-10					
Hz	125	250	500	1000	2000	4000
ap Type E-200 mount	0.50	0.70	1.00	1.00	1.00	0.95

**Technical Specifications**

Item #	Size (nominal) *	Edge
TD60.0606A	60 x 600 x 600 mm	A / Square
TD60.0612A	60 x 600 x 1200 mm	A / Square
TD60.0624A	60 x 600 x 2400 mm	A / Square

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

**Substrate**

Manufactured in NZ from 50mm 48 kg m<sup>3</sup> bio-soluble resin bonded glass fibre core with a high mass 10mm 740 kg m<sup>3</sup> plasterboard attenuator backer with plain Sonatex™ or die cut perforated Sonatex decorative acoustic facing.

**Specification**

Ceiling shall be Asona Triton Duo 60 composite high sound absorber and attenuator acoustical ceiling system manufactured and supplied by Asona Ltd tel: 09 525 6575, (600 x 1200mm #TD60.0612) (600 x 2400 mm #TD60.0624) NRC 0.95, STC 22, CAC44 finish shall be 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. Support panels on (T24) (T38 wide faced) exposed suspension grid, secure with 2 x hold down clips per panel. Service panels shall be supplied with protective strippable plastic film.

**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.

**Product Data**

**Humidity:**  
Max 90% RH at 30°C

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

**Maintenance:**  
Clean with vacuum, soft brush or damp cloth.  
Re-surfacing of panels available, consult USG Boral

**Warranty Period:**  
5 years

**Weight:**  
9.5kg m<sup>2</sup>

**Thermal Resistance:**  
R = 1.4 m<sup>2</sup>K/W

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

**Back Loading:**  
Max. 3.0kg m<sup>2</sup>, point loads max. 1.5kg unsupported

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

**Environmental Impact:**  
Made in NZ, contains 80% recycled content, low embodied energy. VOC <0.002 mg m<sup>2</sup> hr per ASTM D5116

**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	