

Asona Triton Duo 60 Hi-NRC/STC ceiling panels

Product Technical Statement: 113030



Dual layer absorber/ attenuator ceiling panels

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



Asona confirms that this minimum level of assurance has been met or exceeded by the following:

BRANZ

[ISO 9705 test reports - FC16581-01-1-C1](#)

Technical Statement

Product Description

Triton Duo 35™ is a 35 mm thick dual layer composite absorber/ attenuator ceiling panel with Sonatex™ facer 25mm absorber and high mass 740 kg/m³ 10mm attenuator backer. Designed for control of reverberation and speech privacy between offices, meeting rooms and attenuation of rain noise under metal roofing or plenum ventilation duct noise.

Scope of use

Designed for control of both room reverberation and speech privacy between offices, meeting rooms and attenuation of rain noise under metal roofing, plenum mechanical services, buildings near aircraft flight paths or train lines. Panels simply lay into standard Rondo Donn exposed grid systems for ease of installation and plenum access where required. To compliment any interior, Duo 60 is available in a wide range of decorative acoustic laminate finishes, colours, woodprints, and perforated patterns.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(c)
- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.4(a)
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Compliance with NZBC Clause C3.4(a)

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:

BRANZ

[ISO 9705 test reports - FC16581-01-1-C1](#)

Use in Service History

Multiple installations within PTS scope.

Product Criteria

Design requirements

Triton Duo 60 panels are 1200 x 600mm as standard, with 600 x 600mm and 600 x 2400mm also available. A wide range of decorative finishes, woodgrain, colours and perforations allow unique design possibilities for most installations.

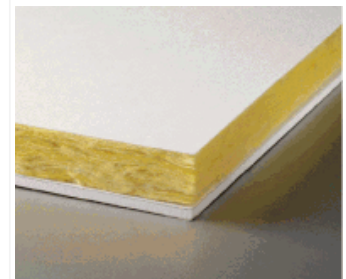
Installation requirements

Installation is typically to be used with Rondo Donn exposed grid systems. Seismic and/or wind factors need to be considered as part of the overall installation for compliance with the NZBC.

Maintenance requirements

Triton Duo 60 do not require specific B2 durability maintenance, just general aesthetic cleaning if required.

Warrantees



masterspec partner

Company Contact Details



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Triton Duo 60 is covered by a 15 year limited warranty against manufacturing defects, extendable to 30 years when registered for Asona's Renew and Reuse program.

Company Product Information

Environmental

Duo 60 has a Global Green Tag Class A rating. Using recycled glass waste as the primary board composition, low VOC, packaging return, panel recycle and renew programs contribute to recycling and minimising waste.

Quality Assurance



ISO 9001 (Quality Management)

Relationships



Member of New Zealand Green Building Council



New Zealand Made

Global GreenTag ASO:TR01:2023:GR



Date last validated: **23 June 2023**



Date last updated: **23 June 2023**

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