

Asona Triton Pool Panel moisture resistant cloud panel

Product Technical Statement: 106601



Triton Pool™ a high sound absorbing acoustic cloud panel designed for swimming pools

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

BRANZ Fire Test Report

[Available upon request - FH4930](#)



Technical Statement

Product Description

Triton Cloud Pool™ panel is a proprietary high sound absorbing acoustic panel designed specifically for swimming pool ceilings and high-up wall applications. The panels have an acoustic core with a concealed aluminium frame and is faced & edge wrapped in Sonatex™ glass mat composite finish which has been treated with a silicone water repellent spray. The panels are also foil membrane backed for resistance against condensation and moisture.

Scope of use

Triton Pool Panel™ is designed as a free floating acoustic ceiling panel or as a direct fixed ceiling & wall panel. Specifically designed for swimming pools and other moisture laden environments.

Triton Pool™ panels designed for pool environments and are to be mounted to allow free movement of conditioned air between and behind the panels to reduce the risk of interstitial condensation.

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, B2.3.1(c), B2.3.2
- **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:

Early Fire Reaction - Group: 1-S, NZBC verification method C/VM2, Appendix A.

Supporting Evidence

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

BRANZ Fire Test Report

[Available upon request - FH4930](#)

Use in Service History

Auckland - St Cuthberts, Franklin Pool, Otahuhu Recreational Precinct,

Christchurch - QE II Park & Recreation Centre, Norman Kirk Memorial Pool Lyttelton,

Queenstown - Alpine Aqualand

Product Criteria

Design requirements

Triton Pool Panel™ is a proprietary high sound absorbing acoustic panel designed specifically for swimming pool ceilings and high-up wall applications. The panels can be installed as free-floating "clouds", or direct fixed with proprietary brackets specific for pool environments.

Installation requirements

Shall not commence until the building is water tight and dry. Light/mechanical fittings shall be independently supported between panels. Mount panels on direct fix brackets at centres to suit span (max 2400mm). To maintain free air movement around panels maintain a minimum 50mm gap between and behind panels. Sub-trades not to use panels for support. Panels shall be installed in areas free of

masterspec partner

Company Contact Details



asona

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direct contact with water or water vapour including but not limited to condensation, leaking pipes and/or ducts or steam which can lead to staining.

Maintenance requirements

Clean with vacuum, soft brush or damp cloth. Re-surfacing of soiled panels available, consult Asona.

Warrantees

15 year limited warranty against manufacturing defects, extendable to 30 years when registered for Asona's Renew and Reuse program. .

Company Product Information

Environmental

Asona Triton range

- Global Green Tag - Level A
- NZ manufactured / very low embodied energy materials, superior to imported competitor alternatives.
- Manufactured locally vs. imported
- Lower freight energy costs vs. imports
- Contain 85% recycled NZ glass waste vs. imported waste
- Packaging is from local recycled material and is reused where possible.
- High insulation ratings help conserve heating and cooling energy costs over the life of the building.
- Provides local employment in manufacture and distribution.

We offer our clients the service to renovate and recycle old, soiled or lightly damaged panels with new decorative and acoustic laminates (on site or at the factory) , thereby extending their service life instead of consigning them to landfill or the cost of total replacement. The objective is to extend product life cycle, lower maintenance costs, reduce wastage to land fill and to lower the environmental impact of acoustical finishes. For more information please contact Asona Ltd.

Quality Assurance



ISO 9001 (Quality Management)

Relationships



New Zealand Made



Member of New Zealand Green Building Council



GreenTag Certified Level A

AWCI



Date last validated: **02 May 2023**



Date last updated: **02 May 2023**

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