

Asona Polyfon Mesh - open cell ceiling panel

Product Technical Statement: 108319



Polyfon mesh is a bold open celled acoustic ceiling panel

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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

[Fire Group Rating - FI6300](#)

Technical Statement

Product Description

Polyfon Mesh™ is a bold, decorative, open cell ceiling tile made from compressed composite board, perforated in a range of designs and colours to provide a contemporary mesh ceiling effect. Polyfon Mesh™ is ideal for deconstructed corporate interiors, retail complexes, airports, showrooms and other large volume public spaces. Made in NZ, Polyfon Mesh™ is made from a composite of compressed polyester and a fire resistant glass mat facing.

Scope of use

Ideal for use in deconstructed commercial interiors, retail complexes, airports, showrooms and other large volume public spaces.

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)

Supporting Evidence

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

BRANZ

[Fire Group Rating - FI6300](#)

Use in Service History

Biz Dojo Ponsonby

North Shore Events Centre

Online Republic

Product Criteria

Design requirements

Polyfon Mesh™ provides a creative mask to the plenum, roof, floor or soffit above, which remains open to air circulation and lighting options. Its open-cell design allows visibility into the plenum for security in airports and other transport hubs.

Its lightweight construction compared to other heavier open-cell materials allows for lighter seismic ceiling requirements. In the unlikely event of dislodgement during an earthquake, its soft composition will not harm any occupants.

Made in NZ for short lead times, installation and replacements.

Installation requirements

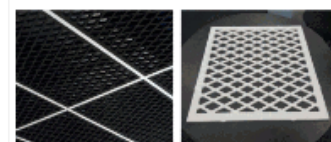
Polyfon Mesh™ is simply installed into exposed grid suspended ceiling systems, whether a new installation or a retro fit.

In-ceiling products are not to be supported by the tile, and must be independently supported.

Polyfon Mesh™ can be installed in conditions up to 95% RH and 35° C.

Maintenance requirements

Polyfon Mesh™ requires no special maintenance other than cleaning for aesthetic or cleanliness reasons.



masterspec partner

Company Contact Details



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Warrantees

Polyfon Mesh™ is covered by a 15 year limited warranty against manufacturing defects.

Company Product Information

Quality Assurance



ISO 9001 (Quality Management)

Relationships



Member of New Zealand Green Building Council



New Zealand Made

AWCI



Date last validated: **05 May 2023**



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