

Resene Construction Systems INTEGRA Lightweight Concrete Intertenancy System

Product Technical Statement: 111494



Provides horizontal fire and acoustic separation between adjacent tenancies in the same building.

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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



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

BRANZ Appraisal

[1064](#)

Technical Statement

Product Description

The Integra Lightweight Concrete Intertenancy System is a sound insulating and fire-rated wall system. The Integra Lightweight Concrete Intertenancy System achieves a fire resistance rating (FRR) of 120/120/120 and a sound transmission class (STC) of up to 67. The Integra Lightweight Concrete Intertenancy System is a proprietary intertenancy wall system that provides horizontal fire and acoustic separation between adjacent occupancies within the same building. The core component of the system is Integra - a high-tech lightweight aerated autoclaved concrete (AAC) panel that is installed between traditional wall framing that has insulation and plasterboard lining on the outer faces.

Scope of use

The Integra Lightweight Concrete Intertenancy System is appraised for use as fire-rated and sound insulating internal walls between household units within the following scope:

- Where constructed with timber framing within the scope of NZS 3604, light steel framing in accordance with NASH Standard Part 2: Light Steel-Framed Buildings or timber or steel framing to a specific engineering design.
- To a maximum building height of 10.0 m when designed in accordance with NZS 3604.
- With a maximum intertenancy wall height of 12.0 m when subject to a specific engineering design.

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 B1 Structure:** Performance B1.3.1, B1.3.2, B1.3.3(a), B1.3.3(b), B1.3.3(j), B1.3.4
- **Clause B2 Durability:** Performance B2.3.1(a)
- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.4(a), C3.6
- **Clause F2 Hazardous building materials:** Performance F2.3.1
- **Clause G6 Airborne and impact sound:** Performance G6.3.1

Supporting Evidence

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



BRANZ Appraisal

[1064](#)

Product Criteria

Installation requirements

Installed by an LBP tradesman

Company Product Information

Relationships



Member of New Zealand Green Building Council



New Zealand Made

masterspec partner

Company Contact Details



Company: Resene Construction Systems

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Date last validated: **01 November 2021**



Date last updated: **01 November 2021**

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