

Product Technical Statement

Product Description:

Secura™ Flooring is a light weight fibre cement composite flooring sheet and is available in a 19mm thickness.

Scope of Use:

Secura™ Flooring is suitable for use as internal flooring over floor joist at 400mm centres maximum. It can withstand uniformly distributed load up to 3kPa (UDL) and concentrated load up to 2.7kN as specified under Table 3.1, (Category A) of the AS/NZS 1170.1 'Structural Design Actions – Permanent, Imposed and Other Actions' standard.

Limitations:

Secura™ Flooring must not be used in following situations:

- In situations where it stays in contact with ground moisture
- For loads higher than mentioned above

Compliance with the NZBC:

The following clauses of the NZBC are applicable to Secura™ Flooring and it complies with these requirements as explained below.

Structure - B1: Secura™ Flooring installed as per its installation manual has been manufactured to the AS/NZS 2908.2 and tested to verify its load bearing capacities and meets the requirements of Clause B1.3.1, B1.3.2 and B1.3.4.

Secura™ Flooring has been assessed at BRANZ and is suitable for use as a diaphragm floor.

Durability - B2: Secura™ Flooring is manufactured in accordance with the AS/NZS 2908.2 and meets the durability performance requirements of Clause B2.3.1 (b) and B2.3.2.

Internal Moisture – E3: Secura™ Flooring installed as per its installation manual (substrate) and finished with impervious floor finishes meets the requirements of Clause E3.

Fire Performance - C: Secura™ Flooring has been tested to ISO 9239 and has a critical radiant flux value greater than 4.5 kW/m².

Hazardous Building Materials - F2: Secura™ Flooring complies with the requirements of Clause F2.3.1 and will not present a health hazard when handled as per its installation manual.

Energy Efficiency - H1: Secura™ Flooring used in internal floor applications using bulk insulation meets the construction R-Value requirements of Clause H1.

Installation:

Secura™ Flooring must be installed in accordance with Secura™ Flooring Installation Manual. The information and details are available online at www.jameshardie.co.nz or Ask James Hardie™ at 0800 808 868 for further information.

Secura™ Flooring has a BRANZ appraisal. Refer to BRANZ appraisal No. 850 at www.branz.co.nz

Secura™ Flooring has also been assessed under the product certification scheme by MBIE and is covered under CodeMark. Refer to CodeMark certificate CMNZZ30181; www.tepae.building.govt.nz

Warranty:

Secura™ Flooring has a product warranty of 25 years when installed and maintained as per the current installation manual.

Secura™ Flooring is not subject to a warning or ban under section 26 of the Building Act.

Secura™ Flooring is manufactured in Australia.