

## Product Technical Statement

### Product Description:

RAB™ Board is a pre-sealed fibre cement sheets for use as rigid air barrier in residential or commercial facade applications and are available in 6mm and 9mm thickness.

### Scope of Use:

RAB™ Board can be used in residential buildings as a rigid air barrier as per the requirement of section 9.1.7.2 of E2/AS1. RAB™ Board is also suitable to withstand high wind pressures up to 4.5kPa (ULS) experienced on specific engineering design (SED) building facades where it equalises the wind pressure within the cavity to pressures on the external face of building facade.

RAB™ Board is also suitable for use in fire rated systems and in bracing applications.

### Limitations:

RAB™ Board must not be used in situation where it stays in contact with ground moisture

### Compliance with the NZBC:

The following clauses of the NZBC are applicable to RAB™ Board and it complies with these requirements as explained below

**Structure - B1:** RAB™ Board installed as per its installation manual has been assessed to withstand wind pressures up to 4.5kPa (ULS) and meets the requirements of Clause B1.3.1, B1.3.2 and B1.3.3.

RAB™ Board is tested as per BRANZ-P21 test and is suitable for use in bracing applications for buildings within the scope of the NZS 3604.

**Durability - B2:** RAB™ Board is manufactured in accordance with the AS/NZS 2908.2 and meets the durability performance requirements of Clause B2.3.1(a) and B2.3.2.

**External Moisture - E2:** RAB™ Board has been tested and meets the requirements of Table 23 of E2/AS1. RAB™ Board is classified as acceptable solution in accordance with E2/AS1 and meets the requirements of the NZBC

**Hazardous Building Materials - F2:** RAB™ Board complies with the requirements of Clause F2.3.1 and will not present a health hazard when handled as per its technical specifications.

**Fire Performance - C:** RAB™ Board has been assessed and is classified as non-combustible material and is suitable for use in fire rated external walls close to boundaries.

**Installation:** RAB™ Board must be installed in accordance with the HomeRAB™ Pre-Cladding and RAB™ Board Installation Manual. The specifications are available online at [www.jameshardie.co.nz](http://www.jameshardie.co.nz) or Ask James Hardie™ at 0800 808 868 for further information.

RAB™ Board has a BRANZ appraisal. Refer to BRANZ appraisal No. 611 at [www.branz.co.nz](http://www.branz.co.nz)

RAB™ Board has also been assessed under the product certification scheme by MBIE and is covered under CodeMark. Refer to CodeMark certificate 30130; [www.tepae.building.govt.nz](http://www.tepae.building.govt.nz)

### Warranty:

RAB™ Board has a product warranty of 15 years when installed and maintained as per the current installation manual.

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

RAB™ Board is manufactured in Australia.