

Product Technical Statement

Product Description: HomeRAB Pre-Cladding 4.5mm is a pre-sealed rigid air barrier for use in medium to high-rise construction.

Scope of Use: HomeRAB Pre-Cladding can be used in residential buildings as a rigid sheathing as per the requirement of section 9.1.7.2 of E2/AS1. HomeRAB Pre-Cladding is also suitable to withstand high wind pressures up to 4.5kPa experienced on Specific Engineering Design (SED) building facades where it equalises the wind pressure within the cavity to pressures on the face of building facade.

HomeRAB Pre-Cladding is also suitable for use in fire rated systems and bracing applications.

Limitations: HomeRAB Pre-Cladding must not be used in following a situation where it stays in contact with ground moisture

Compliance with the NZBC:

HomeRAB Pre-Cladding is classified as acceptable solution in accordance with E2/AS1 and meets the requirements of the NZBC.

Structure - B1: HomeRAB Pre-Cladding installed as per its installation manual has been assessed to withstand wind pressures for various wind zones up to and including VH as per NZS 3604 and meets the requirements of B1.3.1, B1.3.2 and B1.3.4 of Clause B1.

HomeRAB Pre-Cladding is tested as per BRANZ P21 test and is suitable for use in bracing applications for buildings within the scope of NZS 3604.

Durability - B2: HomeRAB Pre-Cladding is manufactured in accordance with AS/NZS 2908.2 and meets the durability performance requirements of section B2.3.1(a) and B2.3.2 of Clause-B2.

External Moisture - E2: HomeRAB Pre-Cladding has been tested and meets the requirements of Table 23 of E2/AS1.

Hazardous Building Materials - F2: HomeRAB Pre-Cladding complies with the requirements of F2.3.1 and will not present a health hazard when handled as per its technical specifications.

Fire Performance - C: HomeRAB Pre-Cladding has been assessed and is classified as non-combustible material and are suitable for use in fire rated external walls close to boundaries.

Installation: HomeRAB Pre-Cladding must be installed in accordance with Rigid Air Barriers Installation Manual. . The specifications are available at James Hardie web site www.jameshardie.co.nz or Ask James Hardie™ at 0800 808 868 for further information.

Warranty: HomeRAB Pre-Cladding has a product warranty of 15 years when installed and maintained as per the current installation manual.