

Hardie™ Flex Sheet

Product Technical Statement

Product Description: Hardie™ Flex Sheet is available in a 6mm thickness.

Scope of Use: Hardie™ Flex Sheet is suitable for use as external wall cladding on residential buildings within the scope of E2/AS1 or light weight residential buildings covered by a specific engineering design (SED). It can be installed to the framing using direct fixed method for buildings within the risk score of 0 - 6 and on timber cavity batten for building with risk score 7 and above calculated as per Table 2 of E2/AS1.

Hardie™ Flex Sheet is also suitable for use in fire rated systems and in bracing applications.

Limitations: Hardie™ Flex Sheet must not be used in following situations:

- In situations where it stays in contact with ground moisture
- For risk score above 20
- In buildings over 10m

Compliance with the NZBC: The following clauses of the NZBC are applicable to Hardie™ Flex Sheet and it complies with these requirements as explained below.

Structure - B1: Hardie™ Flex Sheet installed as per its technical specifications have been tested to withstand wind pressures for various wind zones as per NZS 3604 and meets the requirements of Clause B1.3.1, B1.3.2 and B1.3.4.

Hardie™ Flex Sheet has been tested as per BRANZ P21 test method for structural bracing.

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

External Moisture - E2: Hardie™ Flex Sheet installed as per Section 9.7 of E2/AS1 and its technical specification complies with Clause E2. Hardie™ Flex Sheet is classified as acceptable solution in accordance with E2/AS1 and meets the requirements of the NZBC.

Fire Performance - C: Hardie™ Flex Sheet has been assessed and is classified as non-combustible material and are suitable for use on external walls close to boundaries.

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

Energy Efficiency - H1: Hardie™ Flex Sheet wall in external application using bulk insulation meets the construction R-Value requirements of Clause H1.

Installation: Hardie™ Flex Sheet must be installed in accordance with Hardie™ Flex Sheet technical specification. The specification and details are available online at www.jameshardie.co.nz or Ask James Hardie™ at 0800 808 868 for further information.

Warranty: Hardie™ Flex Sheet has a product warranty of 15 years when installed and maintained as per the current technical specification.

Hardie™ Flex Sheet is not subject to a warning or ban under section 26 of the Building Act. Hardie™ Flex Sheet is manufactured in Australia.

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