

Product Technical Statement

Product Description: HardieFlex™ Sheets are available in two thicknesses, 6mm and 7.5mm.

Scope of Use: HardieFlex Sheet are 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 6 and on timber cavity batten for building with risk score 7 and above calculated as per Table 2 of E2/AS1.

Limitations: HardieFlex Sheet must not be used in following situations;

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

Compliance with the NZBC:

HardieFlex Sheet are classified as acceptable solution in accordance with E2/AS1 and meets the requirements of the NZBC.

Structure - B1: HardieFlex 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 B1.3.1, B1.3.2 and B1.3.4 of Clause B1.

HardieFlex Sheets have been tested as per BRANZ P21 test method for structural bracing.

Durability - B2: HardieFlex Sheet are manufactured in accordance with AS/NZS 2908.2 and meets the durability performance requirements of section B2.3.1 (b) and B2.3.2 of Clause B2.

External Moisture - E2: HardieFlex Sheet installed as per Section 9.7 of E2/AS1 and its technical specification complies with Clause E2.

Fire Performance - C: HardieFlex Sheet have been assessed and are classified as non-combustible material and are suitable for use on external walls close to boundaries.

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

Energy Efficiency - H1: *External walls clad with* HardieFlex Sheet using bulk insulation meet the construction R-Value requirements as per Table 1 of Clause H1.

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

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