

Product Technical Statement

Product Description: Titan™ Facade Panel is an expressed joint wall cladding to achieve bold geometric designs.

Scope of Use: Titan Facade Panel installed using CLD™ Structural Cavity Battens is suitable for use as external wall cladding in residential buildings within the scope of E2/AS1, or in residential/commercial buildings exposed to design wind pressure up to 2.5kPa (ULS) maximum and covered by a specific engineering design (SED).

Titan Facade Panel can also be installed using timber cavity batten in buildings that are exposed to design wind pressures up to 4.5kPa (ULS) maximum.

Limitations: Titan Facade Panel must not be used in curved wall applications or in situations where it stays in contact with ground moisture.

Compliance with the NZBC: The following clauses of the NZBC are applicable to Titan Facade Panel and it complies with these requirements as explained below;

Structure - B1: Uniform Distributed Load testing has been completed at BRANZ and at a NATA accredited James Hardie laboratories.

Titan Facade Panels installed over CLD Structural Cavity Battens is suitable for use up to design wind pressures of 2.5kPa and meets the requirements of Clause B1.3.1, B1.3.2 and B1.3.3 of NZBC.

Titan Facade Panels installed over timber cavity battens is suitable for use up to design wind pressures of 4.5kPa and meets the requirements of Clause B1.3.1, B1.3.2 and B1.3.3 of NZBC.

Durability - B2: Titan Facade Panel and CLD Structural Cavity Battens have been tested at a NATA accredited James Hardie laboratory in accordance with AS/NZS 2908.2 and meets the durability performance requirements of Clause B2.3.1(b) and B2.3.2 of NZBC.

Fire Performance - C: Titan Facade Panel has been assessed and is classified as 'non-combustible' material and is suitable for use on external walls close to boundaries.

External Moisture - E2: Titan Facade Panel CLD Structural Cavity Batten system and Titan Facade Panel Rainscreen system have been tested as per the details published for weathertightness as per E2/VM1 (as contained within Clause E2 of NZBC).

Titan Facade Panel has also been tested as per AS/NZS 4284 'Testing of Building Facades' for weathertightness and is suitable for use in commercial façade applications up to design wind pressures of 4.5kPa.

Hazardous Building Materials - F2: Titan Facade Panel 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: Titan Facade Panel walls constructed using bulk insulation meets the construction R-Value requirements as per Table 1 of Clause H1.

Installation: Titan Facade Panel must be installed in accordance with the current Titan Facade Panel CLD Structural Cavity Batten Technical Specification/Titan Facade Panel Rainscreen Technical Specification.

The specification and details are available at James Hardie website www.jameshardie.co.nz or Ask James Hardie™ at 0800 808 868 for further information.

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