

# BUILDING PRODUCTS INFORMATION SHEET

Class 1

## THERMOFIXX230 CLADDING

### Product description:

Thermofixx230 cladding is an exterior weatherboard cladding system, manufactured from thermally modified radiata pine. The system consists of horizontal or vertical weatherboards with additional accessories including anodized aluminium internal and external corner flashings, corner moldings, and cavity battens.

Thermofixx230 weatherboard profiles are machined to a minimum 19mm with a range of widths and profile types, The weatherboard profiles are in accordance with NZS3617 (1979) and BRANZ Bulletin BU411

The timber is thermally modified under strict control to a level to meet the minimum 15-year durability requirement in accordance with NZS3602 (2003)

### Key Technical specifications:

Thickness: 19mm

Width: 170 or 200mm

### Company details:

**Place of Manufacture:** New Zealand

**Legal name:** Tunncliffe Timber

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## Compliance:

### Relevant New Zealand Building Code Clauses:

- **Clause B1 Structure: Performance B1.3.1, B1.3.2, B1.3.4, B1.3.3(a), (f), (h), (j), (q).**
- **Clause B2 Durability: Performance B2.3.1(b) 15 Years, B2.3.1(c) 5 Years and B2.3.2**
- **Clause E2 External Moisture: Performance E2.3.2**
- **Clause F2 Hazardous Building materials: Performance F2.3.1**

### Supporting information.

- **Clause B1 Structure:** Thermofixx230 Cavity fixed weatherboard cladding systems meet the requirement for loads arising from self-weight, seismic activity, wind, and creep.
- **Clause B2 Durability:** Thermofixx230 cavity fixed cladding systems meet performance requirements of this clause of a minimum 15 years for the weatherboards and flashings and 5 years for the paint finish system.
- **Clause E2 External Moisture: Performance E2.3.2** Thermofixx230 cladding systems are designed as an external cladding system as a first line of defence against the ingress of external moisture.
- **Clause F2 Hazardous Building materials: Performance F2.3.1** Thermofixx230 cladding systems contain no harmful chemical treatments or toxic components.

## Limitations:

Thermofixx230 cladding must be installed in accordance with the requirements of the Thermofixx230 New Zealand installation manual.

Thermofixx x must be installed by trade qualified or LBP registered personnel.

Thermofixx230 can be installed on buildings in NZ, situated in wind zones up to and including Extra High, and with a risk score of 0-20 calculated in accordance with NZBC Clause E2/AS1

## Design Requirements:

- **Thermofixx230 cladding systems are designed for use as an exterior cladding on residential and light commercial building in New Zealand.**
- **Thermofixx230 cladding systems can be installed on timber or steel framed buildings, in accordance with NZBC Acceptable Solution E2/AS1 and NASH Building Envelope Solutions.**

## Installation:

- **Thermofixx230 cladding systems must be installed in accordance with the requirements of the relevant Thermofixx230 New Zealand Installation manual.**

## Maintenance:

- **Thermofixx230 cladding systems must be installed with an oil, stain or paint finish and the coating must be maintained in accordance with the selected coating manufacturer's requirements. See also the coating and maintenance clauses and requirements outlined in the Thermofixx230 New Zealand installation manual.**