BUILDING PRODUCT INFORMATION SHEET
Thermofixx230 Cladding
Effective June 2024

ITI NZ
Innovative Timber Ideas
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Designated building product class	Class 1

Product Description

Thermofixx230 cladding is an exterior weatherboard cladding system made from thermally modified radiata pine. The system includes horizontal or vertical weatherboards and accessories such as anodized aluminium internal and external corner flashings, corner mouldings, and cavity battens.

Key Technical Specifications

Specification	Details
Width	170 or 200mm
Thickness	19mm

Place of Manufacture

New Zealand

Legal Name	Timco
Address	37 Kowhai Ave, Edgecumbe 3120
Email	office@timco.co.nz
Phone	+64 7 304 9811

New Zealand importer/distributor

Legal Name	ITI NZ Ltd
Address	26 Keeling Road, Henderson, Auckland 0612
Website	www.iti.net.nz
Email	sales@iti.net.nz
Phone	(09) 6200260
NZBN	326102

Contribution to Building Work Code Obligations

Building Clause	Relatability	Supporting Information
Clause B1 Structure	Performance B1.3.1, B1.3.2, B1.3.4, B1.3.3(a), (f), (h), (j), (q).	Thermofixx230 Cavity fixed sheet cladding systems meet the requirement for loads arising from self-weight, seismic activity, wind, and creep.
Clause B2 Durability	Performance B2.3.1(b) 15 Years, B2.3.1(c) 5 Years and B2.3.2	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 defiance against the ingression of external moisture.
Clause F2 Hazardous Building Materials	Performance F2.3.1	Thermofixx230 cladding systems contain no harmful chemical treatments or toxic components.

Scope of Use

Aspect	Details
Applications	Suitable for residential and light commercial buildings.
Compatibility	Designed in accordance with NZS 3617 (1979) and BRANZ Bulletin BU411.
Durability	Meets a minimum 15-year durability requirement in accordance with NZS 3602 (2003).
Installation	Must be installed as per the Thermofixx230 New Zealand Installation Manual by trade-qualified or LBP registered personnel. Can be installed on timber or steel-framed buildings up to and including Extra High wind zones.
Environment	Appropriate for various New Zealand environments in line with local building codes and regulations.

Limitations on Use

- Thermofixx230 cladding must be installed in accordance with the Thermofixx230 New Zealand Installation Manual.
- Installation must be carried out by trade-qualified or LBP registered personnel.
  Regular maintenance as specified in the Thermofixx230 Installation Manual is required to ensure longevity and performance, including cleaning and re-coating as per the manufacturer's recommendations.

Design Requirements

- Must be installed in accordance with the relevant Thermofixx230 New Zealand Installation Manual.
- Compatibility with NZBC Acceptable Solution E2/AS1 and NASH Building Envelope Solutions.

Installation Requirements

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

Maintenance Requirements

- Thermofixx230 cladding system 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.

Supporting Documentation

Document	Description	Link
Installation Manual	Rusticated Cavity System Bevelback Cavity System Vertical Shiplap Cavity System	Click here Click here Click here
Technical Brochures	Comprehensive technical specifications for Thermofixx230 products.	Click here