

Australian Building Code Compliance

Residential - Class 1 & Class 10 Construction

WeatherTex complies with BCA requirements and can provide relevant documentation to the following sections when required.

Product Description

9.5mm thick WeatherTex Hardboard Cladding is designed for residential and light commercial type buildings. WeatherTex is an Australian made, reconstituted hardwood, high density fibreboard manufactured in accordance with AS1859.4 Wet Processed Fibreboard (HB.E).

WeatherTex Range:

- Traditional Lapped Weatherboards
- Selflok Weatherboards
- Primelok Weatherboards
- Weathergroove Architectural Panels
- EcoWall Architectural Panels
- Rubix Architectural Panel

Cladding systems incorporate internal and external corner accessories, joiners and appropriate flashings for all openings and penetrations in accordance with the National Construction Code.

WeatherTex pre-primed products are produced with a factory primer designed to be finished with a top coat paint system. The WeatherTex Natural Range is designed to be installed either as a raw timber finish or coated with an appropriate decking stain system.

Fit for Purpose and Compliance with the Building Code

The following sections lists the performance requirements of the Australian Building Code for Wall Cladding and provides a summary of relevant sections of the building code and verification documents available for Residential Class 1 & 10 construction.

Vol.2 - Part 3.5.3 Wall Cladding

WeatherTex production operations are controlled under an SIA Global Certified ISO 9001 Quality Management System. Laboratory monitoring is completed in accordance with the specified test methods in AS 1859.4. WeatherTex meets the Deemed-to-satisfy Provisions of the building code for Class 1 & 10 construction:

3.5.3.1 Compliance with the acceptable construction practice satisfies Performance Requirements P2.1.1 and P2.2.2 for wall cladding provided:

- (b) Wall cladding is installed in accordance with:
 - (ii) 3.5.3.3 for hardboard wall cladding boards and
 - (iii) 3.5.3.4 for hardboard sheet wall cladding

3.5.3.3 - Wall cladding boards must (b) for 9.5mm thick hardboard - comply with AS/NZS 1859.4

3.5.3.4 - (b) hardboard sheet wall cladding wall cladding must (i) comply with AS/NZS 1859.4

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P2.1.1 Structural Stability and Resistance to Actions

Standard - AS/NZS 1170.2 Structural Design Actions: Wind Actions

Weathertex installation systems have been tested as per verification test method AS 4040 for cyclonic and non-cyclonic wind zones. Product and application specific test reports are available on request. Design test pressure and wind zone classification has been determined as per AS 4055 Wind Loads for Housing and tabulated in the Weathertex Installation Manual.

P2.3.1 Protection from the Spread of Fire

For internal for external walls required to be fire resisting per the performance requirements of 3.7.1.3 and 3.7.1.8. Weathertex Cladding may be used in conjunction with deem-to-comply systems in the building code or rated systems in the Weathertex Installation Manual for FRL walls up to 120/120/120.

P2.3.4 Bushfire Areas

Weathertex has been assessed by a third party for verification to the bushfire standard. Weathertex meets the requirements for use up to and including BAL 19 areas.

Standard - AS 3959 Construction of Buildings in Bushfire - Prone Areas

AS 3959: BAL 19 Performance Requirements: 6.4.1 (c) (iv) Wall Cladding refers to Appendix E; Timber that is in reconstituted form with a density of 750kg/m³ is suitable for construction where specified in Section 5,6 and 7 (i.e. up to and inclusive of BAL 19).

Conditions and Limitations

1. Installation shall be undertaken in accordance with all relevant technical information related to the selected wall system, including the National Construction Code, local regulations, third party component manufacturer's requirements and information contained in the current version of the Weathertex Installation Manual.
2. The scope of this document is limited to the performance provisions of 9.5mm thick Weathertex products only.
3. Performance criteria and validation methods are as published in the National Construction Code - Volume 2 - BCA Class 1 & 10 Buildings and Australian Standard current to the date of issue of this document.