

# Herpac Accoya and Accoya Grey Timber Species

Product Technical Statement: 111968



Highly durable and very stable solid timber for exterior cladding systems, horizontal or vertical.

[View miproducts listing](#)



## Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



Herpac confirms that this minimum level of assurance has been met or exceeded by the following:

CodeMark  
[30138/9 30140/1](#)  
BRANZ Appraisal  
[1181/2/3/4](#)



The following information has been provided by Herpac demonstrating how this product complies with the [Building Product Information Requirements](#).

## Technical Statement

### Product Class

CLASS 2

### Product Description

Accoya & Accoya Grey has a Branz Appraisal and CodeMark Certificate for all the timber weatherboard cladding systems over 18/20 and 40/45mm cavity, available to meet NZBC Compliance.

Accoya & Accoya Grey has proven excellent performance, finish and sustainability, giving architects and designers new design freedom for timber cladding.

#### Features:

- Available in profiles ranging from narrow to very wide (ex. 300mm), without having to increase thickness
- Maintains original form and shape with limited movement when compared with all other timbers
- Dressing, bandsawing, charring and brushing board face options.
- No LRV (light reflective value) restrictions
- Sustainable sourced with full CoC and FSC certification
- No coating or re-coating required over serviceable life for durability purposes
- Accoya Grey / after processing, this naturally dyed timber - from surface to core, provides a grey weathered finish from Day 1 without compromising the natural grain characteristics of the timber
- Class 1 Durable (40+ years above ground)

Full specifications available via Masterspec - 4211HA and 4211HB for Accoya® or refer 4221HV and 4221HH for Western Red, Yellow Cedar, DuraLarch or AshinDura.

### Scope of use

If used, designed, installed and maintained in accordance with the statements and conditions of the relevant Codemark Certificate, BRANZ Appraisal and Herpac Technical Literature, will meet the following provisions of the NZBC:

Clause B1 Structure (B1.3.1, B1.3.2 and B1.3.4)

Clause B2 Durability (B2.3.1 (b) 15 years and B2.3.2)

Clause E2 External Moisture (E2.3.2)

Clause F2 Hazardous Building Materials (F2.3.1)

The Herpac Accoya & Accoya Grey Timber Weatherboard Cavity Systems are an Alternative Solution in terms of NZBC compliance.

### New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** Performance B1.3.1, B1.3.2, B1.3.3(a), B1.3.3(h), B1.3.3(j), B1.3.3(q), B1.3.4 Refer relevant system Codemark Certificate & Branz Appraisal
- **Clause B2 Durability:** Performance B2.3.1(b), B2.3.2 Accoya & Accoya Grey timber meets a Class 1 Durability rating, which well exceeds the NZBC B2 Durability requirement.



masterspec partner

#### Company Contact Details



**Herpac**

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- **Clause E2 External moisture:** Performance E2.3.2  
Refer relevant system Codemark Certificate & Branz Appraisal
- **Clause F2 Hazardous building materials:** Performance F2.3.1  
Refer relevant system Codemark & Branz Appraisal

## Notes

Accoya & Accoya Grey will exceed the required minimum durability requirement as set by NZBC, B2.

## Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

[http://www.building.govt.nz/building-code-compliance/product-assurance-and-certification-schemes/codemark/product-certificate-register/?keyword=herpac&action\\_doSearch=Search&sort=relevant#results](http://www.building.govt.nz/building-code-compliance/product-assurance-and-certification-schemes/codemark/product-certificate-register/?keyword=herpac&action_doSearch=Search&sort=relevant#results)

## Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



CodeMark  
[30138/9 30140/1](#)



BRANZ Appraisal  
[1181/2/3/4](#)

## Use in Service History

Accoya Timber has been used in New Zealand for well over 15 years now and world-wide for much longer.

## Product Criteria

### Design requirements

The Herpac Accoya & Accoya Grey weatherboard cladding cavity systems are suitable as an external fixed wall cladding:

- the scope limitations of NZBC AS E2/AS1, Paragraph 1.1; and,
- constructed with timber framing complying with NZBC; and,
- with a risk score of 0-20 calculated in accordance with NZBC AS E2/AS1 nad
- situated in NZS3604 Wind Zones up to, and including 'Extra High'

For weathertightness and structural wind loading for buildings using Herpac Accoya & Accoya Grey weatherboard cladding cavity systems:

- the scope limitations of NZBC AS E2/AS1, Paragraph 1.1 with regards to building height and floor plan area; and,
- constructed with timber framing complying with the NZBC; and,
- situated in specific design wind pressures up to a maximum design differential ultimate limit state (ULS) of 2.5kPa

### Installation requirements

Refer appropriate system literature provided:

- Herpac Accoya Installation Specification - cavity fix
- Herpac Accoya Construction Drawings - 18/20 or 40/45mm
- Herpac Accoya Product Installation Checklist
- + appropriate Branz Appraisal and Codemark Certificate

### Maintenance requirements

No coating or recoating required for NZBC B2: Durability but coating of Accoya is recommended/required if a particular desired look is required. Specified coating will need to be re-applied to maintain that look over the timber claddings serviceable life.

### Warrantees

As per Herpac literature.

## Company Product Information

### Environmental

FSC certified

Declare Label

Red List Free

# Herpac Accoya and Accoya Grey Timber Species

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Full Chain of Custody

## Relationships



New Zealand Made

## Building Product Information Requirements

### Manufacturer

**Legal Trading Name:**

Herpac

**Business Email:**

technical@herpac.co.nz

**Company Website:**

[www.herpac.co.nz](http://www.herpac.co.nz)

**Contact Number/s:**

+64 09 -4219840

### Product Identifier

CLASS 2

### Warnings

This product has no warnings associated with it.



Date last validated: **11 December 2023**



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