



Version 1.1 15 August 2022

## BUILDING PRODUCT INFORMATION SHEET (CLASS 1)

### Product Name

HIANDRI Bottom Plate Packers

### Product description and its intended use

Hiandri Bottom Plate Packers provide a 12 mm gap under the bottom plate of light weight timber framing to allow for unimpeded drainage of water from floors during construction. The packers are manufactured from polypropylene plastic with a plan dimension of 84 mm x 60 mm and are labelled on the underside with the product name.

### Place of Manufacture

New Zealand

Overseas

### Legal and trading name of the manufacturer

Hiandri Solutions Limited

### Address for Service

19 Ford Rd  
Onekawa  
Napier 4110

### Website:

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### Relevant Building Code Clauses:

**Clause B1 STRUCTURE:** Performance B1.3.1, B1.3.2 and B1.3.4.

**Clause B2 DURABILITY:** Performance B2.3.1 (a) not less than 50 years and B2.3.2 (a).

**Clause E2 EXTERNAL MOISTURE:** Performance E2.3.3.

**Clause F2 HAZARDOUS BUILDING MATERIALS:** Performance F2.3.1.

**Clause H1 ENERGY EFFICIENCY:** Performance H1.3.1 and H1.3.2E.

### Statement on how the building product is expected to contribute to compliance:

Hiandri Bottom plate packers have a CodeMark, our Certificate number is NZCM-1019

<https://www.hiandri.com/downloads/>

**Clause B1 STRUCTURE:** Performance B1.3.1, B1.3.2 and B1.3.4. Hiandri Bottom Plate Packers structural integrity meet the requirements for loads arising from self-weight, imposed gravity loads arising from use, earthquake, snow and wind [i.e. B1.3.3 (a), (b), (f), (g) and (h)].

**Clause B2 DURABILITY:** Performance B2.3.1 (a) and B2.3.2. Hiandri packers have a durability of at least 50 years when installed correctly.

**Clause E2 EXTERNAL MOISTURE:** Performance E2.3.3

The use of an air seal to all exterior walls as per the Hiandri Installation Manual comply with the requirements of NZBC Clause E2.

Hiandri Bottom Plate Packers 12mm thickness complies with NZS 3604 Section 2.3.3 (a) requiring separation between framing timbers and concrete.

**Clause F2 HAZARDOUS BUILDING MATERIALS:** Performance F2.3.1. Hiandri Bottom Plate Packers are both inert and a nontoxic.

**Clause H1 ENERGY EFFICIENCY:** Performance H1.3.1 and H1.3.2E. The use of a polyurethane foam bead to all exterior walls as per the Hiandri Installation Manual meets H1 compliance

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### Limitations on the use of the building product:

**Bracing:** Only approved bracing systems can be used with Hiandri packers. A full list of approved bracing systems are available at

<https://www.hiandri.com/downloads/#ApprovedBracingSystems>

**Fire Rated and Acoustic walls:** Only approved Fire Rated and Acoustic walls can be used with Hiandri packers. A full list of approved walls and systems and a copy of the Hiandri BRANZ Fire Opinion are available at

<https://www.hiandri.com/firewalls/>

**General limitations:** The use of Hiandri packers should only be carried out in accordance with the current Hiandri Installation Manual this manual contains a full list of limitations. The Current manual is available at

<https://www.hiandri.com/downloads/>

### Design requirements that would support the appropriate use of the building product:

Hiandri Bottom Plate Packers are used for separating the bottom plates of internal and external walls from concrete floor slabs or from timber flooring in timber framed buildings, to allow for unimpeded drainage of water from floors during construction.

- Current Hiandri Installation Manual
- BRANZ CodeMark Certificate no NZCM-1019 Hiandri Bottom Plate Packers.
- BRANZ Appraisal No. 1095 (2020) Hiandri Bottom Plate Packers.
- NZS 3604:2011 Timber-framed buildings.
- Ministry of Business, Innovation and Employment Record of amendments - Acceptable Solutions, Verification Methods and handbooks.
- The Building Regulations 1992.

### Installation requirements:

Hiandri Bottom Plate Packers must be installed in accordance with the Hiandri Solutions Ltd's current Installation Manual.

Hiandri Bottom Plate Packers are installed to the underside of the bottom plate prior to the erection of the structural framing of the wall.

The orientation of the Hiandri Bottom Plate Packers is dependent on the slab overhang and the size of the bottom plate. Refer to the Technical Literature for the suitable orientation of the Hiandri Bottom Plate Packers for the individual design of the building.

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**Maintenance requirements:**

There is no Maintenance requirement for Hiandri Packers

**Is the building product/ building product line subject to a warning under section 26 of the building act 2004:**

Yes   
 .No

**If yes, description of the warning or ban undersection 26:**

N/A

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**Date:**

15/08/2023

Version	Date	Description of Change	Author
1.0	08/08/2023	Initial release	Alan Duff
1.1	15/08/2023	Approved for release	Alan Duff

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