

# EPSFOAM WAFFLE POD

## BPIR Declaration

Version: v1

### Designated building product: Class 1

### Declaration

EPSFOAM NZ LTD has provided this declaration to satisfy the provisions of Schedule 1(d) of the building (Building Product Information Requirements) Regulations 2022.

### Product/system

<b>Name</b>	EPSFOAM WAFFLE POD
<b>Line</b>	EPSFOAM Waffle Pod <a href="https://epsfoam.co.nz/polystyrene-pods/">https://epsfoam.co.nz/polystyrene-pods/</a>
<b>Identifier</b>	

### Description

EPSFOAM Waffle Pod... Reduce impact on landfill through the use of up to 50% recycled EPS.

Deliver compression strength.

Do not puncture on site when being laid.

Can be pre-cut to plan, eliminating site waste and on site cutting.

Come in multiple size options.

Offer superior structural and thermal values.

Are cut with a sharp square edge with no hollows.

Can reduce concrete volume requirements.

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## Scope of use

EPSFOAM Waffle Pod can be used in rib raft floors.

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## Conditions of use

EPSFOAM Waffle Pod must be kept away from fire, petroleum based solvent.

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## Relevant building code clauses

**B1 Structure** – B1.3.1, B1.3.2, B1.3.3 (a, b, f, g, h, m, q), B1.3.4

**B2 Durability** – B2.3.1 (a), B2.3.2 (a, b)

**E2 External moisture** – E2.3.3, E2.3.7

**F2 Hazardous building materials** – F2.3.1

**H1 Energy efficiency** – H1.3.1 (a, b), H1.3.2E

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## Contributions to compliance

EPSFOAM Waffle Pod complies with manufacturing standard AS 1366 Part 3 1992

EPSFOAM eps 50-year warranty when installed and used correctly Excellent compressive strength

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## Supporting documentation

The following additional documentation supports the above statements:

Waffle Pod	v1	<a href="https://epsfoam.co.nz/polystyrene-pods/">https://epsfoam.co.nz/polystyrene-pods/</a>
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For further information supporting EPSFOAM WAFFLE POD claims refer to our website.

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## Contact details

Manufacture location	New Zealand
Legal and trading name of manufacturer	EPSFOAM NZ LTD
Manufacturer address for service	80B HUNUA ROAD PAKAKURA
Manufacturer website	<a href="http://www.epsfoam.co.nz">www.epsfoam.co.nz</a>
Manufacturer email	epsfoam@xtra.co.nz
Manufacturer phone number	09 299 6901
Manufacturer NZBN	9429033642246

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## Responsible person

As the responsible person as set out in Regulation 3, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore, to the best of my knowledge, correct.

I can also confirm that EPSFOAM WAFFLE POD is not subject to a warning on ban under [s26 of the Building Act](#).

Signed for and on behalf of **EPSFOAM NZ LTD** :

Kulwinder Bath  
managing director

EPSFOAM NZ LTD  
80b Hunua road, Papakura Auckland 2104 New Zealand  
09 299 6901 | [www.epsfoam.co.nz](http://www.epsfoam.co.nz)

# Appendix

Note: The below appendix includes information relating to BPIR Ready.

Publishing this information is not a requirement under BPIR. Its inclusion here is to provide a reference for how this BPIR summary was generated as well as to help summary creators understand the performance clauses suggested by BPIR Ready.

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## BPIR Ready selections

Category: Foundation systems

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## Building code performance clauses

### B1 Structure

#### B1.3.1

*Buildings, building elements* and *sitework* shall have a low probability of rupturing, becoming unstable, losing equilibrium, or collapsing during *construction* or *alteration* and throughout their lives.

#### B1.3.2

*Buildings, building elements* and *sitework* shall have a low probability of causing loss of amenity through undue deformation, vibratory response, degradation, or other physical characteristics throughout their lives, or during *construction* or *alteration* when the *building* is in use.

#### B1.3.3

Account shall be taken of all physical conditions likely to affect the stability of *buildings, building elements* and *sitework*, including:

- (a) self-weight
- (b) imposed gravity loads arising from use
- (f) earthquake
- (g) snow
- (h) wind
- (m) differential movement
- (q) time dependent effects including creep and shrinkage

#### B1.3.4

Due allowances shall be made for:

- a. the consequences of failure,
- b. the intended use of the *building*,
- c. effects of uncertainties resulting from *construction* activities, or the sequence in which *construction* activities occur,
- d. variation in the properties of materials and the characteristics of the site, and
- e. accuracy limitations inherent in the methods used to predict the stability of *buildings*

## B2 Durability

#### B2.3.1

*Building elements* must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

- (a) the life of the building, being not less than 50 years, if: those building elements (including floors, walls, and fixings) provide structural stability to the building, or those building elements are difficult to access or replace, or failure of those building elements to comply with the building code would go undetected during both normal use and maintenance of the building

#### B2.3.2

Individual *building elements* which are components of a *building* system and are difficult to access or replace must either:

- (a) all have the same durability
- (b) be installed in a manner that permits the replacement of building elements of lesser durability without removing building elements that have greater durability and are not specifically designed for removal and replacement

## E2 External moisture

#### E2.3.3

Walls, floors, and structural elements in contact with, or in close proximity to, the ground must not absorb or transmit moisture in quantities that could cause undue dampness, damage to *building elements*, or both.

#### E2.3.7

*Building elements* must be constructed in a way that makes due allowance for the following:

- a. the consequences of failure:
- b. the effects of uncertainties resulting from *construction* or from the sequence in which different aspects of *construction* occur:
- c. variation in the properties of materials and in the characteristics of the site.

## F2 Hazardous building materials

### F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction* of *buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

## H1 Energy efficiency

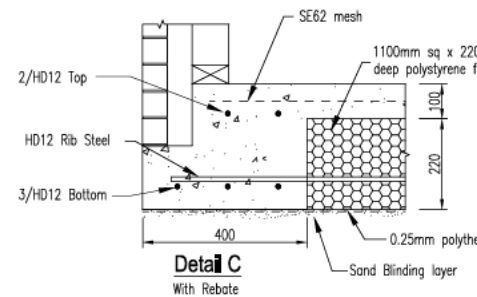
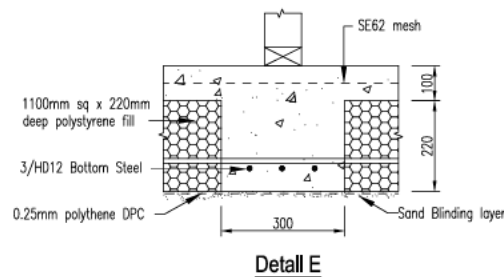
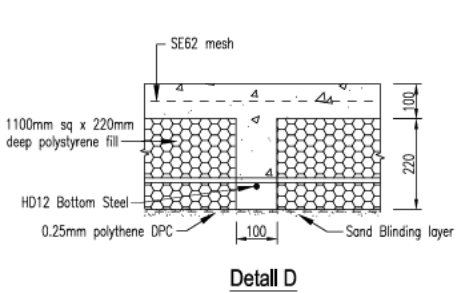
### H1.3.1

The *building* envelope enclosing spaces where the temperature or humidity (or both) are modified must be constructed to

- (a) provide adequate thermal resistance
- (b) limit uncontrollable airflow

### H1.3.2E

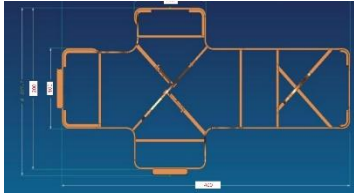
*Buildings* must be constructed to ensure that their building performance index does not exceed 1.55.



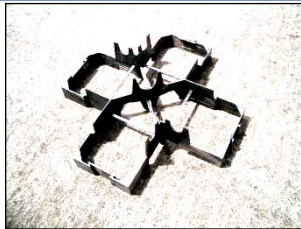


Hanging Edge 300mm  
This 300mm Edge Spacer Comes  
in Pack of 20

Ulti Spacer 400x300mm



This Ulti Spacer Comes in  
Pack of 25



This WJ100 Spacer Comes in  
Pack of 25



This WJ101/CLIPS Spacer  
Comes in  
Pack of 25



This Podrail Comes in  
Pack of 20



This U Form hanging 100mm  
Spacer Comes in Pack of 20