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| **How to use this BPIR summary**BPIR regulations do not prescribe any specific layout or formatting of required [disclosure information](https://bpir.nz/bpir-regulations-and-requirements/disclosure-information/). You may choose to take parts of this BPIR Ready summary and integrate it into your existing technical information, or you may choose to create a specific BPIR disclosure information document.To create a specific BPIR disclosure information document:1. Download the DOCX or copy the summary into your preferred document editor
2. Edit the relevant parts of the document where desired, such as:
	* Any content adjustments to the summary (e.g. add/remove clauses)
	* Replace the placeholder 'responsible person' information
	* Any layout alternations (e.g.removing the appendix and adding personal branding)
3. Export to your preferred format (e.g. PDF) and publish on your website

Note: the DOCX converter is in its beta phase. Should you encounter any issues, please [contact us](https://bpir.nz/how-it-works/contact/). |

## Marmox Multiboard BPIR Declaration

Version: 1/9/23

#### Designated building product: Class 1

#### Declaration

Marmox New Zealand Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

#### Product/system

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| **Name** | Marmox Multiboard  |
| **Line** | Marmox insulation boards are made from extruded polystyrene, each side faced with a nominal 0.75mm thick polymer modified cement mortar reinforced with a glass fibre mesh. The boards are available in thicknesses of 6mm, 10mm, 20mm, 30mm and 50mm |
| **Identifier** | MCB6, MCB10, MCB20, MCB30 and MCB50 |

#### Description

Marmox insulation boards are thin sheet boards designed to insulate the floor surface of new or existing buildings, saving up to 50% of the heat lost with conventional underfloor heating. This will significantly improve heat-up time and greatly reduce running costs. When used over the wooden floor, Marmox also acts as a tile backer and will not absorb moisture when used in bathrooms or wet areas.

Applications on walls and floors partition walls bath and shower base panels wash tables and benches

Features

1. Energy saving/ Energy efficient
2. Acts as a thermal barrier and significantly reduces heat loss to the substrate
3. Easy to work with and install into new and existing building projects
4. Over concrete using a flexible tile adhesive, similar to installing large tiles
5. Over timber with glue and screw gun
6. Removes the need for tile and slate underlay, provided the sub-floor is structurally sound and level
7. Completely water resistant and will not absorb moisture, making it ideal for bathrooms and wetrooms
8. Acts as an excellent acoustic barrier
9. Reduces foot fall noise on concrete floors

#### Scope of use

Marmox Insulation boards are designed as a tile substrate fixed over new or existing floors to provide a flat, even surface for the direct adhesion of ceramic or stone floor tiles. Once fixed in place, tiles may be directly adhered to the boards and grouted to provide an impervious and easily cleaned surface.

#### Conditions of use

Installation of Marmox insulation boards must be completed by, or under the supervision of, Licensed Building Practitioners with the relevant Licence class, in accordance with the instructions given within the Marmox New Zealand Ltd Technical Literature.

Existing floor coverings must be removed before Marmox insulation boards are installed and the floor must be substantially flat. If any floorboards are cupped, misaligned or warped, the whole floor must be coarse-sanded. Loose flooring must be re-nailed and damaged, rotten or unsound flooring or floor framing must be replaced.

The relative humidity of concrete substrates must be 75% or less before installation of the boards. The concrete can be checked for dryness using a hygrometer

The floor must be free of dirt, dust and grease before installation of the boards

It is recommended that the installer dry fit the insulation boards before final fixing to ensure a good fit. Boards may be loosely laid out on the floor to 'mimic' the actual location of the boards and show where cuts and joints will be made. The boards are laid in a staggered pattern to ensure that four corners never meet at one point. Sheet joints are butted together.

Board joints must not co-incide with substrate joints The boards must not bridge movement control joints. These must be carried through the board/tile bed and sealed in an appropriate manner

The boards can be cut with either a hand knife or a saw. When working in enclosed areas, precautions should be taken toensure dust levels are controlled.

#### Relevant building code clauses

**B2 Durability** — B2.3.1 (c)

**F2 Hazardous building materials** — F2.3.1

#### Contributions to compliance

As mentioned in the BRANZ appraisal, Marmox insulation products, if designed, used, installed and maintained in accordance with the statements and conditions of this Appraisal, will meet or contribute to meeting the following provisions of the NZBC:

Clause B2 Durability - Performance B2.3.1 [b] 15 years and B2.3.2. Marmox insulation boards meet this requirement as they are used as an underlay for waterproofing membranes, they will be durable for at least 15 years, provided the tiling and waterproofing systems are maintained to ensure the boards and fixings remain dry in services.

Clause F2 Hazardous Building Materials: Performance F2.3.1. Marmox Insulation boards meet this requirement.

#### Supporting documentation

The following additional documentation supports the above statements:

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| **Technical Properties** |  | <https://marmox.co.nz/wp-content/uploads/2018/12/Technical-Properties.pdf> |
| **Marmox BBA certificate** |  | <https://marmox.co.nz/wp-content/uploads/2018/12/Marmox-BBA-Certificate.pdf> |
| **Marmox board safety data sheet** |  | <https://marmox.co.nz/wp-content/uploads/2018/12/Marmox-Board-Safety-data-sheet-1.pdf> |
| **Marmox multiboard - Installation instructions** |  | <https://www.marmox.co.nz/wp-content/uploads/2021/04/Insulation-board-Installation-instructions-min.pdf> |
| **BRANZ Appraisal** | Appraisal # 895-2018 | <https://www.marmox.co.nz/wp-content/uploads/2020/11/Marmox-Branz-Appraisal-895_2018-A1.pdf> |

For further information supporting Marmox Multiboard claims refer to our website.

#### Contact details

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| --- | --- |
| **Manufacture location** | Overseas |
| **Legal and trading name of manufacturer** | Chemicals for Modern Building International |
| **Legal and trading name of importer** | Marmox New Zealand Ltd |
| **Importer address for service** | 483A Rosebank Road, Avondale Auckland 1026 |
| **Importer website** | [marmox.co.nz](http://marmox.co.nz) |
| **Importer NZBN** | 9429035092377 |
| **Importer email** | info@marmox.co.nz |
| **Importer phone number** | 0800627 669 |

#### 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 Marmox Multiboard is not subject to a warning on ban under [s26 of the Building Act](https://www.legislation.govt.nz/act/public/2004/0072/latest/DLM306353.html).

Signed for and on behalf of **Marmox New Zealand Ltd:**

Your Signature

Your Name
YOUR POSITION
Month Year

**Marmox New Zealand Ltd**
483A Rosebank Road, Avondale Auckland 1026 New Zealand
0800627 669 | [marmox.co.nz](http://marmox.co.nz)

## Appendix

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| 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. |

#### BPIR Ready selections

**Category:** Floor coverings

|  | **Yes** | **No** |
| --- | --- | --- |
| Use on access routes  |  | **×**  |
| Use in areas with floor surface fire obligations  |  | **×**  |
| Use in wet areas  |  | **×**  |
| Use in food preparation areas  |  | **×**  |
| Part of a system for acoustic performance  |  | **×**  |

#### Building code performance clauses

#### 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:

* (c) 5 years if: the building elements (including services, linings, renewable protective coatings, and fixtures) are easy to access and replace, and failure of those building elements to comply with the building code would be easily detected during normal use of the building.

#### 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.