

## Mapelastic Smart

### Building Product Information Requirements Compliance Statement

Date: 09/10/2023 (version 1)

Product name: **Mapelastic Smart**  
Product identifier: **Mapelastic Smart**

#### Product line

Mapelastic Smart is a two component, high flexibility cementitious mortar (with crack bridging capacity up to 2mm) applied by trowel or roller for waterproofing balconies, terraces, bathrooms, and swimming pools.

#### Product description

Mapelastic Smart is used for waterproofing hydraulic projects such as channels, faces of dams, swimming pools, water storage tanks, balconies and decks. It is also designed to protect exterior concrete before application of ceramic or stone tiles. Furthermore, Mapelastic Smart is suitable as a waterproofing membrane under tiles for bathroom and wet area applications on cement-based substrates. Mapelastic Smart is UV stable.

Mapelastic Smart is certified for potable water use.

Packaging of Mapelastic is as follows:

- Mapelastic Smart Part (A) 20kg bag
- Mapelastic Smart Part (B) 10kg drum

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MBP (NZ) Ltd.

Exclusive distributor of Mapei products in New Zealand  
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WE SUPPLY THE FOLLOWING MAPEI GROUP BRANDS AND SYSTEMS:



There are several ancillary products used with Mapelastic Smart including:

- Mapeband SA – self-adhesive butyl rubber tape- used to reinforce all joints.
- Mapeband Easy – range of detailing bands for floor / wall junctions.
- Mapetex Sel – nonwoven fabric re- enforcement.
- Mapenet 150 – a glass fibre mesh for reinforcement.
- Mapei Primer 3296 – an acrylic primer for non-absorbent surfaces.
- Ecoprim grip PLUS – primer for non-porous substrates.

For a complete range of suitable primers and adhesives please refer to Mapelastic Smart technical references:

- Mapelastic Smart – technical datasheet (2013-4-2022-GB)
- BRANZ appraisals (484), (485)

Or request support at:

[www.mapei.com/nz/en/technical-and-commercial-support](http://www.mapei.com/nz/en/technical-and-commercial-support)

### **Relevant Building Code Clauses**

The following clauses of the New Zealand Building Code are relevant to Mapelastic Smart

**Clause B2 Durability:** Performance B2.3.1(B) 15 years. Mapelastic Smart meets this requirement.

**Clause E3 Internal Moisture:** Performance E3.3.6 Interior wet area floors and walls. Mapelastic Smart meets this requirement.

**Clause F2 Hazardous Building Materials:** Performance F2.2.3.1 Mapelastic Smart meets this requirement.

Compliance with these building code clauses is confirmed by BRANZ appraisal 484 and BRANZ appraisal 485

**Scope and Design Requirements**

Mapelastic Smart can be used as a waterproofing system for internal and external applications within the following scope:

- Mapelastic Smart may be used on exterior cementitious substrates with relative humidity of 75% or less
- Mapelastic Smart may be used on interior floor substrates of concrete, plasterboard, fibre cement compressed sheet or fibre cement sheet underlay. Caution must be exercised when used with flooring grade plywood.
- Mapelastic Smart must be protected from physical damage from traffic
- Mapelastic Smart may be left exposed but must not be left exposed in trafficked areas
- Movement and control joints must be carried through the membrane and trafficable floor finish
- The design of, and the construction of the substrate and movement and control joints are specific to each building and are therefore the responsibility of the building designer and building contractor

Refer to the BRANZ Appraisals 484 and 485 and the Mapelastic Smart technical datasheet (2013-4-2022-GB)

**Conditions and Limitations of Use**

Installation of Mapelastic Smart must always be completed by trained applicators approved by MBP (NZ) Ltd.

Installation of substrates must always be carried out in accordance with the Mapelastic Smart technical literature and under supervision of a Licensed Building Practitioner (LBP) with the relevant license class.

**Supporting documentation**

The following additional documentation supports the above statements:

**Mapelastic Smart - Data sheet 2013-4 2022**

<https://www.mapei.com/nz/en/products-and-solutions/products/detail/mapelastic-smart>

**Mapelastic Smart - BRANZ 484 (Certification)**

<https://www.mapei.com/nz/en/products-and-solutions/products/detail/mapelastic-smart>

**Mapelastic Smart (Certification) BRANZ 485**

<https://www.mapei.com/nz/en/products-and-solutions/products/detail/mapelastic-smart>

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**Importer NZ address for Service**

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**Warnings and Bans**

Mapelastic Aquadefense is not subject to a warning or ban under section 26 of the Building Act 2004.

**Version History**

<b>Version number</b>	<b>Written by</b>	<b>Checked by</b>	<b>Date issued</b>	<b>Changes from previous version</b>
V1 9/10/2023	JP	PT	10/10/2023	New document