

# Mapefloor Parking System ME

## Building Product Information Requirements Compliance Statement

Date: 17/11/23 (version 1)

### System Identifier

The system identifier is **Mapefloor Parking System ME**

### Product Line

Mapefloor Parking System ME is a trafficable membrane system consisting of epoxy primer and polyurethane membranes and topcoat for car parks, decks, and balconies.

### System description

MAPEFLOOR PARKING SYSTEM ME is a seamless, flexible, multi-layered, polyurethane surface coating system compliant with the requirements of Class OS 11b (EN 1504-2). It has a high crack-bridging capacity, a nonslip finish and is watertight and suitable for vehicular traffic; in particular it is resistant to intense volumes of wheeled vehicles in areas used for car parks, including outdoor car parks, and especially for screeds on roof-top car.

MAPEFLOOR PARKING SYSTEM ME is characterised by its excellent resistance to wear, mechanical stress in general, UV rays and chemical products such as oil, fuel, de-icing salts, lubricants, diluted acids, basic solutions and saline solutions in general. Different colour finishes may be obtained which makes it extremely versatile for marking out areas according to their different use, such as parking areas, transit lanes, pedestrian areas, road signs and markings, etc

The Mapefloor Parking System ME uses three products:

- **Primer SN**
- **Mapefloor PU 400 LV**
- **Mapefloor Finish 451**

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MBP (NZ) Ltd.

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WE SUPPLY THE FOLLOWING MAPEI GROUP BRANDS AND SYSTEMS:



## Relevant Building Code Clauses

**B2 Durability:** B2.3.1 (b)

**E2 External moisture:** E2.3.1, E2.3.2, E2.3.7

**F2 Hazardous Building Materials:** F2.3.1

## Contributions to Compliance

**Clause B2 Durability:** compliance is confirmed by conformance of the Mapefloor Parking System ME with the Guidelines of the German Committee on Reinforced Concrete including compliance with class OS 11b concrete surface protection systems according to EN 1504-2

**Clause E2 External moisture** compliance is confirmed by conformance of the Mapefloor Parking System ME with the Guidelines of the German Committee on Reinforced Concrete including compliance with class OS 11b concrete surface protection systems according to EN 1504-2

### **F2 Hazardous Building Materials: F2.3.1**

The chemical products used in Mapefloor Car Parking System ME are only hazardous during application. Therefore, during application, safety measures detailed in the products SDS should be followed including the wearing of appropriate Personal Protective Equipment. Once the product is cured and hardened, it is not hazardous and does not give rise to harmful gases or substances when in use.

## Scope and Design Requirements

Mapefloor Parking System ME is a trafficable membrane system that has been designed for car park floors and deck waterproofing membrane on buildings within the following scope.

- Nominally flat car park floors and decks constructed to drain water to gutters and drainage outlets complying with the NZBC.

## Conditions and Limitations

Installation must only be undertaken by installers approved by MBP (NZ) Ltd.

**Supporting Documentation**

The following additional documentation supports the above statements:

**Mapefloor Parking System ME (system data sheet)**

REV - 1 - 21 System data sheet

<https://www.mapei.com/it/en/products-and-solutions/products/detail/mapefloor-parking-system-me>

**Contact Details****Manufacture location**

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**Warnings and Bans**

Mapefloor Parking System ME is not subject to a warning or ban under section 26 of the Building Act 2004.

**Appendix**

All relevant building code performance clauses listed in this document:

**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:

**E2 External moisture****E2.3.7**

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

- the consequences of failure
- the effects of uncertainties resulting from construction or from the sequence in which different aspects of construction occur
- variation in the properties of materials and in the characteristics of the site

**Version History**

<b>Version number</b>	<b>Written by</b>	<b>Reviewed by</b>	<b>Date issued</b>	<b>Changes from previous version</b>
V1 17/11/2023	SL	PT	5/12/2023	New document



