

# PRODUCT SPECIFICATION

<b>Product System:</b>	HBB Millennium Oak 155 x 15mm Engineered Timber flooring Over Mapesonic CR Acoustic System on a Concrete Substrate
<b>Project Reference:</b>	Health Based Building
<b>Site Address:</b>	
This Specification is intended for the above listed products and all products must be installed in accordance to this product specification and the Technical Data Sheet (TDS) of the products listed herewith.	

## 1. MOISTURE REDUCTION BARRIER (If required)

a. **Trade Name:** [Planiseal MR](#)

Two component water-based epoxy primer and moisture barrier suitable for green concrete and damp substrates

## 2. LEVELLING (If required)

a. **Trade Name:** [Eco Prim T Plus](#)

All-purpose primer for interiors to improve adhesion of levelling compounds on all absorbent and non-absorbent surfaces.

b. **Trade name:** [Ultraplan Eco](#)

Ultraplan Eco is used for levelling and removing differences in thickness from 1 to 10 mm on new or existing substrates, preparing them to receive any kind of flooring where an excellent resistance to loads and traffic is needed

## 3. MAPESONIC CR ACOUSTIC SYSTEM

a. **Trade Name:** [Mapesonic CR](#)

A 4mm impact noise sound proofing mat in roll form applied before laying Timber Flooring, with 17 dB reduction under 15mm engineered timber.

b. **Trade Name:** [Ultrabond Eco 995](#)

Premium moisture control, sound reduction adhesive for installing Mapesonic CR

The information in this Specification is consistent with the information given in the Product Technical Data Sheets (TDS). If further information is required, MAPEI recommends referring to the Product TDS, or seeking advice from MAPEI NEW ZEALAND LTD.

The information given in this Specification relating to the application and use of MAPEI products is given in good faith based on MAPEI's current knowledge and experience of the product when appropriately stored, handled and applied under recommended conditions as per the information in the Product TDS. In practice, the difference in application conditions, substrates, materials, and site environments are such that no guarantee in respect of consumption, or fit for a particular purpose can be concluded either from the information given in this specification, or any other written or verbal recommendations. The Applicator of the product must assess the substrate and the product's suitability for the intended application and final service provision of the product or product system.



### 3. Timber Adhesive

**a. Trade Name:** [Ultrabond S955 1K](#)

One-component, solvent-free, sililated polymer-based adhesive with a very low emission level of volatile organic compounds.

### 4. Concrete Substrate

- a. New concrete must have been allowed to cure for a minimum of 28 days and have an RH of 75% or less. They also must be sufficiently cured and have already gone through most of the shrinkage stage.
- b. The substrate should be free of all laitance, curing compounds, dust, oil, wax, paint or other surface contaminants before the commencement of the moisture barrier. This also includes any substrate that has been treated with a curing compound. The substrate should carry a CSP-2 finish, achieved by mechanical grinding.

### 5. Installation

- a. If a moisture barrier is required, apply one – two coats (Depending on requirements) of Planiseal MR using a 6mm nap roller. And allow to cure for 24 hours. The product must be installed over within 24 hours.
- b. If levelling compound is to be installed over the moisture barrier, use Eco Prim T Plus undiluted. For direct application of levelling compound to the concrete substrate, apply Eco Prim T to the concrete substrate with a brush or roller. It is usually diluted 1 to 2 with water when applying on porous cementitious surfaces.
- c. When the primer is completely dry, the levelling compound may be applied. Apply the Ultraplan Eco in a single coat from 1 to 10 mm with a large metal trowel or rake and keeping the trowel slightly inclined to obtain the desired thickness. When installing wood flooring, wait 24 hours prior to beginning installation.
- d. Once the levelling compound has cured after 24 hours, the Mapesonic CR is to be installed using Ultrabond Eco 995, utilizing a 2.5 x 2.5 mm V notched trowel or equivalent.
- e. After 12 hours, installation of the timber can then be carried out, utilising Ultrabond S955 1K, using a 10 x 6.0 x 10 mm notched trowel, notwithstanding a 100% contact of the adhesive bed to the timber is required.

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## 6. Warranty

- a. MBP (NZ) LTD warrants that when MAPEI products are prepared, applied and installed in accordance with the products' Technical Data Sheet (TDS) plans, specifications, as well as with the relevant provisions of the New Zealand building code, the products will have the properties and characteristics set out in the TDS and will retain these properties and characteristics for the duration of the Warranty Period listed under the relevant MAPEI product warranty.
- b. MAPEI's warranties are limited to its products, and ***do not*** cover installation, workmanship or product mixing and preparation aspects. It is the sole responsibility of the applicator of the products to assess the substrate and the product/s' suitability for the intended application and final service provision of the product.
- c. A full list of all MAPEI product warranty terms and conditions is available upon request.

## 7. **No Responsibility**

- a. The applicator of a MAPEI product is not an agent or employee of MBP (NZ) LTD and therefore MBP (NZ) LTD takes no responsibility and assumes no liability for their workmanship or their use of the product in inappropriate circumstances or surfaces.
- b. Where expressly agreed with you in writing, MBP (NZ) LTD's representatives may supervise the preparation of MAPEI products to ensure that the preparation meets the products' specifications, on the basis that MBP (NZ) LTD does not take any responsibility for such supervision, as well as for:
  - a. any failure to apply the product in accordance with any relevant specifications, standards, regulation or similar; and
  - b. the use of the product in inappropriate circumstances or on inappropriate (or inappropriately prepared) surfaces; and
  - c. the workmanship of the applicator of the product,

even if our representatives are present at the time of application.

Any guidance MBP (NZ) LTD's representatives provide during their supervision will not modify any express manufacturers' warranty or product warranty relating to the relevant MAPEI products.

- c. MBP (NZ) LTD provides product information, including this specification, on a non-reliance basis. All information and proposals are given in response to the information provided to us. MBP (NZ) LTD is not liable for the assessment of whether the products and methodologies are suitable for your particular circumstances or whether they meet the

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requirements of the NZ Building Code or other regulatory requirements. This assessment and decision whether or not to use the products must be made by you.

## 8. Consumer Guarantees

- a. Nothing in this Specification is intended to modify or negate a consumer's rights and remedies under the Consumer Guarantees Act 1993.
- b. In the event of inconsistency between the provisions of this Specification, our Terms of Trade and the relevant manufacturers' or product warranty, the order of priority set out below will apply (with (a) having the highest priority):
  - a. MBP (NZ) LTD Terms of Trade;
  - b. Manufacturer's or product warranty;
  - c. This Specification.

## MBP (NZ) LIMITED

**MAPEI NZ LTD**

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