



# ENGINEERED WOOD FLOORING MAPEI PRODUCT SYSTEMS GUIDE

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Substrate Installation and Supplier Technical Documentation Must Be NZBC Compliant and Comply with Building Product Information Requirements.

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## Mapei Product Systems - Substrate Types:

### Concrete Slab Engineering:

- CANZAC NZ
- Concrete NZ

### Composite Timber Construction Board:

- Plywood CCA treated to H3.2
- Strandfloor H3.1 T&G
- Particle Board
- Cross Laminate Timber (CLT)
- Parallel Laminate Timber (PLT)

### Fiber Cement Sheet Construction Board i.e.:

- Hardie™ Panel, Secura™
- ETERPAN®

### Other/Difficult Substrates:\*

- Magnesium Oxide Board
- Polymer Cement Coated Rigid Extruded Polystyrene Foam Board: Marmox
- Tongue & Groove
- Ceramic, Stone & Terrazzo

\* Contact MBP (NZ) Ltd technical consultants for systems advice on Other/Difficult Substrates

Substrate Installation and Supplier Technical Documentation Must Be NZBC Compliant and Comply with Building Product Information Requirements.

# Product System for Engineered Timber Flooring over a Compliant RH or Non-Compliant Moisture Vapour Reducing RH Concrete Substrate



## Products

Discover the products used for this solution and other alternative products

1 Concrete substrate

2  Moisture Vapour Barrier  
**MAPEPROOF 1K TURBO**

 Fast Track Moisture  
Vapour Barrier  
**MAPEPROOF PRIMER**

3  Primer  
**ECO PRIM T PLUS**

4  Levelling compound  
**ULTRAPLAN ECO**

5  Timber flooring adhesive  
**ULTRABOND ECO S955 1K**

6 Engineered timber flooring

For new or existing concrete slabs with NZBC compliant moisture vapour 75% RH or elevated 95% RH reducing.










# Product System for Engineered Timber Flooring on Acoustic Matting over a Compliant RH or Non-Compliant Moisture Vapour Reducing RH Concrete Substrate



ET02

## Products

Discover the products used for this solution and other alternative products

- 1 Concrete Substrate
- 2  Moisture Vapour Barrier  
**MAPEPROOF 1K TURBO**  Fast Track Moisture Vapour Barrier  
**MAPEPROOF PRIMER**
- 3  Primer  
**ECO PRIM T PLUS**
- 4  Levelling compound  
**ULTRAPLAN ECO**
- 5  Acoustic underlay adhesive  
**ULTRABOND ECO V4SP**
- 6  Acoustic underlay **MAPRSONIC CR**  
4 mm. Format: 10 x 1 m sheets (4 mm thick).
- 7  Timber adhesive  
**ULTRABOND ECO S955 1K**
- 8 Pre finished engineered timber flooring



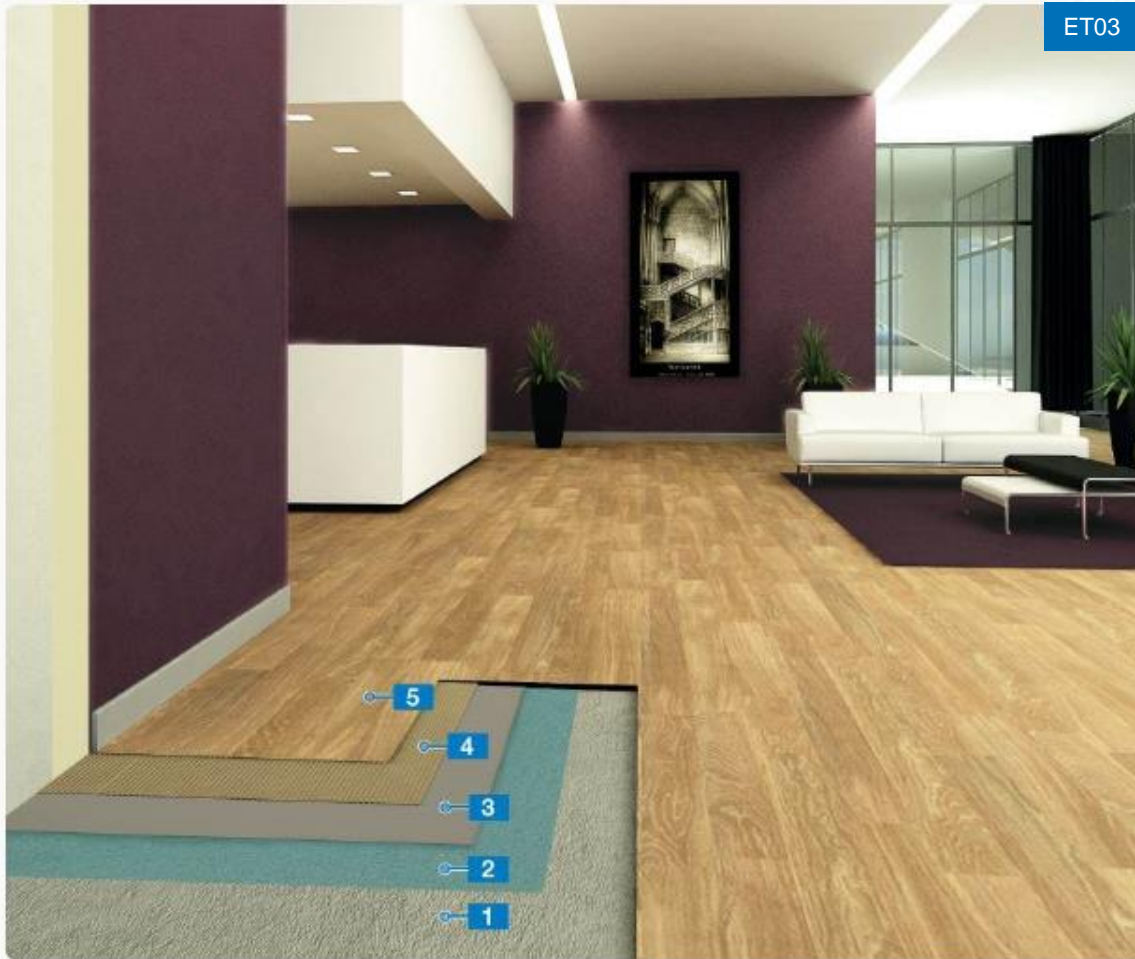
### ALTERNATIVE 3 IN 1 SOLUTION:

#### ULTRABOND ECO 995 – WOOD FLOORING ADHESIVE

MAPEI's premium, 100%-solids, one-component, moisture curing urethane adhesive for all types of wood flooring with Moisture-Control & Sound-Reduction.

For new or existing concrete slabs with NZBC compliant moisture vapour 75% RH or elevated 95% RH reducing.

## 3 in 1 System: Product System for Engineered Timber Flooring over a Compliant RH Concrete Substrate



### Products

Discover the products used for this solution and other alternative products

1 Properly prepared concrete substrate

2  Primer  
ECO PRIM T PLUS

3  Levelling compound  
ULTRAPLAN ECO

4  Adhesive  
3 IN 1 SOLUTION: ULTRABOND ECO 995

5 Pre finished engineered timber flooring

#### **3 IN 1 SOLUTION: ULTRABOND ECO 995 – WOOD FLOORING ADHESIVE**

MAPEI's premium, 100%-solids, one-component, moisture curing urethane adhesive for all types of wood flooring with Moisture-Control & Sound-Reduction.

For new or existing concrete slabs with NZBC compliant moisture vapour 75% RH or less.

# Product System for Engineered Wood Flooring incorporating a Moisture Barrier over a Concrete Substrate with Rising Damp



ET04

## Products


Discover the products used for this solution and other alternative products


1 Concrete Substrate

2  Moisture Barrier  
PLANISEAL MR

 Crack Repair  
EPORIP

3  Primer  
ECO PRIM T PLUS

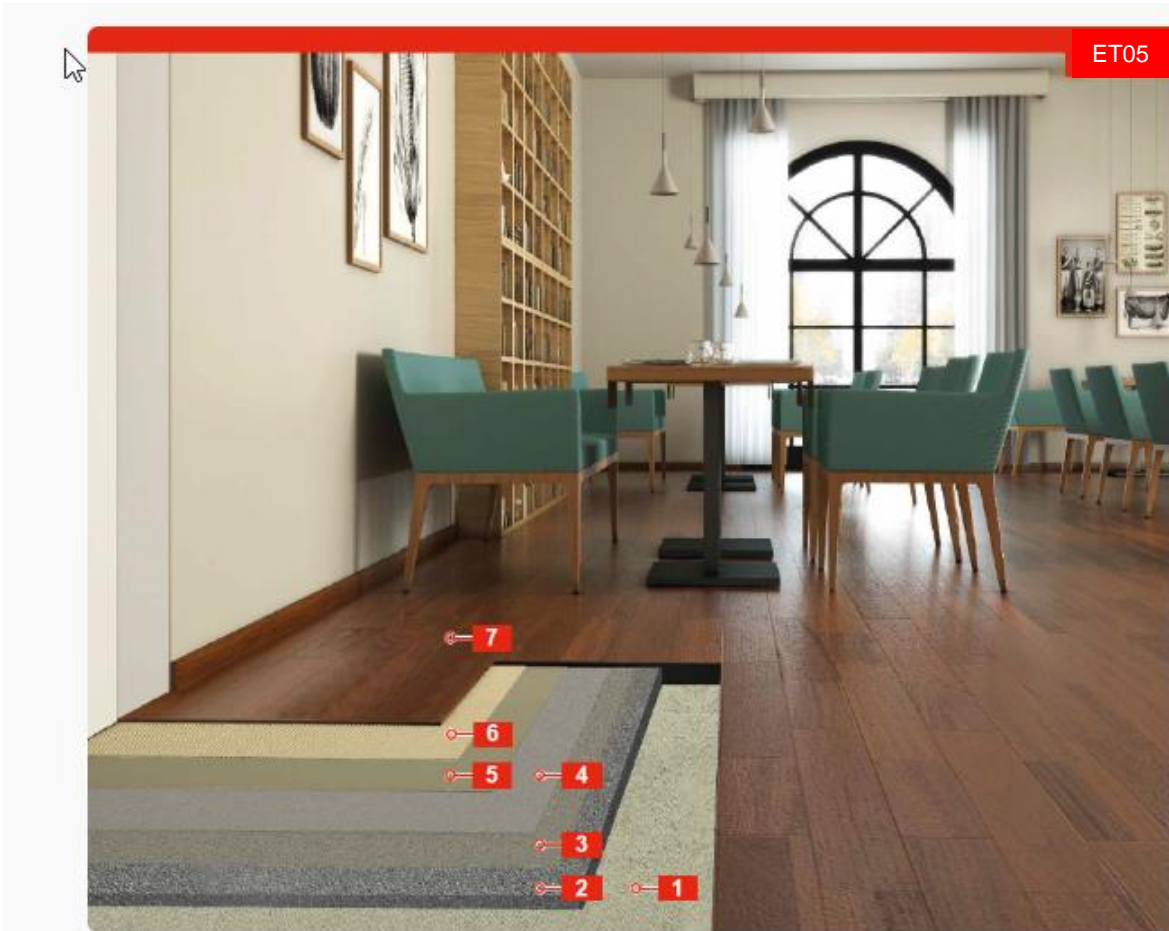
4  Self Levelling Compound  
ULTRAPLAN ECO

5  Timber adhesive  
ULTRABOND ECO S955 1K

6 Pre finished engineered timber flooring






# Product System for Engineered Wood Flooring Incorporating Underfloor Heating Systems over a Compliant RH or Non-Compliant Moisture Vapour Reducing RH Concrete Substrate



ET05

## Products

Discover the products used for this solution and other alternative products

- 1 Properly prepared concrete substrate
- 2  Engineering screed **MAPECEM PRONTO** NZBC COMPLIANT UNDERFLOOR HEATING SYSTEM INSTALLED AS PER SUPPLIER SPECIFICATIONS AND INSTRUCTIONS
- 3  Moisture Vapour Barrier **MAPEPROOF 1K TURBO**  Fast Track Moisture Vapour Barrier **MAPEPROOF PRIMER**
- 4 Primer  **ECO PRIM T PLUS**
- 5 Levelling compound  **ULTRAPLAN ECO**
- 6  Adhesive **3 IN 1 SOLUTION: ULTRABOND ECO 995**
- 7 Pre finished engineered timber flooring



Timber adhesive  
**ULTRABOND ECO S955 1K**

For new or existing concrete slabs with NZBC compliant moisture vapour 75% RH or elevated 95% RH reducing.








## Product System for Engineered Timber Flooring over Composite Timber/Fibre Cement/Other Substrates



### Products

Discover the products used for this solution and other alternative products

- 1 Properly prepared existing substrate
- 2 Bonding primer  ECO PRIM T PLUS  or ECO PRIM GRIP PLUS
- 3  Fibre-reinforced levelling compound **ULTRAPLAN RENOVATION**  or FIBERPLAN
- 4  Timber flooring adhesive **ULTRABOND ECO S955 1K**
- 5 Engineered Timber Planks

For composite timber; fiber cement; other/difficult ie. Magnesium oxide, ridged extruded polystyrene foam, existing ceramic, stone and terrazzo substrates.

Substrate Installation and Supplier Technical Documentation Must Be NZBC Compliant and Comply with Building Product Information Requirements.

# Product System for Engineered Timber Flooring on Acoustic Matting over Composite Timber/Fibre Cement/Other Substrates



ET07

## Products

Discover the products used for this solution and other alternative products

1 Properly prepared existing substrate

2 Bonding primer  ECO PRIM T PLUS  or ECO PRIM GRIP PLUS

3 Fibre-reinforced levelling compound  ULTRAPLAN RENOVATION  or FIBERPLAN

4 Acoustic underlay adhesive  ULTRABOND ECO V4SP

5 Acoustic underlay  **MAPRSONIC CR**  
4 mm. Format: 10 x 1 m sheets (4 mm thick).

6 Timber flooring adhesive  ULTRABOND ECO S955 1K

7 Engineered timber flooring

For composite timber; fiber cement; other/difficult ie. Magnesium oxide, ridged extruded polystyrene foam, existing ceramic, stone and terrazzo substrates.

Substrate Installation and Supplier Technical Documentation Must Be NZBC Compliant and Comply with Building Product Information Requirements.

## MBP (NZ) Ltd Warranty:

### 1. Limited Warranty

- a) MBP (NZ) LIMITED (MBP) 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) MBP 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 MBP product warranty terms and conditions is available upon request.

### 2. No Responsibility

- a) The applicator of a MAPEI product is not an agent or employee of MBP or MAPEI and therefore neither MBP nor MAPEI 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's representatives may supervise the preparation of MAPEI products to ensure that the preparation meets the products' specifications, on the basis that MAPEI 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's representatives provide during their supervision will not modify any express manufacturers' warranty or product warranty relating to the relevant MAPEI products.
- c) MBP 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 is not liable for the assessment of whether the products and methodologies are suitable for your particular circumstances or whether they meet the 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.

### 3. 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's Terms of Trade;
  - b. Manufacturer's or product warranty;
  - c. This Specification.

See also our terms of trade.

### For national technical assistance contact:

#### Ian Williams

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For details on EPD, VOC certifications, LEED calculations, and Green Star projects, connect with our technical representatives.

Substrate Installation and Supplier Technical Documentation Must Be NZBC Compliant and Comply with Building Product Information Requirements:

### For all technical support documents visit the Mapei NZ Website:

[www.mapei.com/nz](http://www.mapei.com/nz)

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