

SYSTEM FOR THE INSTALLATION OF ENGINEERED TIMBER FLOORING OVER DIFFICULT SUBSTRATES

H03



existing timber floor properly prepared

1



levelling compound
Ultraplan Renovation

3



timber flooring adhesive
Ultrabond Eco S955 1K

4

engineered timber flooring

5

PART 1 SYSTEM

1.1 INFORMATION

- This work method statement covers the system to install tiles over difficult substrates, in accordance with industry best practice, relevant standards and as per MAPEI technical data sheets (TDS).
- MAPEI provides technical data sheets (TDS) and safety data sheets (SDS) for all products which should be read in conjunction with this Work Method Statement (WMS). Where necessary, conduct a chemical risk assessment and SWMS to ensure each products' correct and safe use. These documents can be obtained from www.mapei.com.au, or by clicking directly on the products listed within the PDF.
- The floor covering manufacturer's installation guidelines should be referred to in conjunction with this WMS. Where conflicts exist in any system guidelines specified on the floor covering manufacturer's technical information, contact Mapei for advice.
- Products in this WMS can contribute towards satisfying the relevant Green Star credits. The VOC content of products can be found under section 9 on the product SDS, while VOC emissions certificates can be found on the product webpage.

1.2 USER NOTES

1.3 RELEVANT DOCUMENTATION

A. MAPEI Technical Notebook(s):

1. [Surface Preparation Requirements—Floor Covering Installation System](#)

B. Other References:

1. [Australasian Timber Flooring Association \(ATFA\)](#)

This Work Method Statement (WMS) provides general recommendations only and is not intended to be interpreted as a generic specification for the application/installation of the listed products. As each project differs in exposure and site conditions, specific recommendations may vary from the information contained above. For recommendations for specific applications/installations please contact MAPEI Australia Pty Ltd.

1.4 SUBSTRATE PREPARATION

1. Difficult substrates include:
 - Ceramic and stone tiles
 - Terrazzo
 - Existing solid timber and T&G flooring
 - Structural plywood
 - Structural particle board
 - CFC sheeting
2. All substrates must be structurally sound, dry, solid and stable. Any laitance, dust, grease, oil, paint or curing compounds present on the surface of the concrete substrate that may inhibit bond, shall be mechanically removed. The substrate should then be cleaned and prepared in accordance with the relevant standards and as per the MAPEI technical data sheets (TDS).

1.5 PRIMER

A. ECO PRIM GRIP

Multi-purpose, ready-to-use bonding promoter primer made from synthetic acrylic resin and silica inerts with a very low emission of volatile organic compounds (VOC) for render, smoothing and levelling compounds and adhesives for ceramic tiles.

APPLICATION:

- Stir ready-to-use primer prior to application, no dilution is required.
- Apply primer with either a roller or brush.

1.6 LEVELLING COMPOUND

A. ULTRAPLAN RENOVATION

Fibre reinforced levelling compound for interiors applied from 3 to 40 mm in a single application.

APPLICATION:

- Pour 3.4 to 3.6 litres of potable water into a clean container then add the 20 kg bag of **ULTRAPLAN RENOVATION** while using an electric mixer. Once a lump-free mix is obtained, let it stand for 2 to 3 minutes then briefly remix.
- Spread levelling compound from 3 to 40 mm in thickness using a large metal spreader at a slight angle to obtain the desired thickness.
- It is recommended to introduce saw cuts once the levelling compound can be walked on for large areas at high thickness to alleviate stress.
- Allow 1-3 days of curing (depending on leveller thickness) prior to bonding the timber flooring.

1.7 ADHESIVE

A. ULTRABOND ECO S955 1K

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

APPLICATION:

- Apply adhesive evenly over substrate with MAPEI notched trowel for wood.

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Product Guide



Eco Prim Grip

Size	Barcode
5 kg	8022452052705
10 kg	8022452052712



Ultrabond Eco S955 1K

Size	Barcode
600 ml	8022452127908
15 kg	8022452044892



Ultraplan Renovation

Size	Barcode
20 kg	9345490000712