

SYSTEM FOR THE INSTALLATION OF ENGINEERED TIMBER FLOORING AND ACOUSTIC SOUNDPROOF MATTING OVER A DIFFICULT SUBSTRATE

this system makes it possible to obtain **GREEN STAR™** credits



T06



properly prepared existing timber floor

1

bonding primer
Eco Prim Grip

2



levelling compound
Ultraplan Renovation

3



acoustic underlay adhesive
Ultrabond Eco V4 SP

4

acoustic underlay

5



timber flooring adhesive
Ultrabond Eco S955 1K

6

engineered timber flooring

7

Please refer to the corresponding Work Method Statement for complete list of suitable products and installation information

PART 1 SYSTEM

1.1 REFERENCES

A. MAPEI Technical Notebook(s):

1. [Floor Covering Installation Systems – Substrate Preparation](#)

B. Other References:

1. Australasian Timber Flooring Association (ATFA)

1.2 SUBSTRATE PREPARATION

Difficult substrates include:

- Ceramic and stone tiles
- Terrazzo
- Existing solid timber and T&G flooring
- Structural plywood
- Structural particle board
- CFC sheeting

All substrates must be structurally sound, dry, solid, stable and well bonded. Any dust, grease, oil, paint, curing compounds, or other contaminants present on the surface of the concrete substrate that may inhibit bond, shall be mechanically removed. Wood-based substrates must have all wax and sealers removed by sanding. The substrate should then be cleaned and prepared in accordance with the relevant standards, substrate manufacturers guidelines, and as per the MAPEI technical data sheets (TDS).

1.3 PRIMER

A. ECO PRIM GRIP (2916-2-2018 GB)

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.

1.4 LEVELLING COMPOUND

A. ULTRAPLAN RENOVATION (4013-05-2019 AUS)

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 acoustic matting.



1.5 ACOUSTIC UNDERLAY ADHESIVE

- **NOTE:** With the system that is to be used, both the flooring manufacturer and the acoustic underlay supplier should be fully accepting of the methods used and satisfied that the installation will perform under the expected environment conditions that the floor will experience.

Acoustic underlay adhesive to be chosen from the following options:

A. ULTRABOND ECO V4 SP (224-8-2015)

Universal adhesive in water dispersion for resilient floor coverings, with very low emission of volatile organic compounds.

B. ULTRABOND ECO V4 EVOLUTION (5862-8-2019 GB)

Universal “all in one” adhesive with fast and strong initial tack and long open time for resilient and textile floor and wall coverings.

- **APPLICATION:**

- ◇ Apply adhesive using a V2 notched trowel.
- ◇ Install acoustic underlay in the adhesive while it is still fresh in accordance with the manufacturer’s guidelines.

1.6 TIMBER ADHESIVE

- **NOTE:** Prior to the application of the adhesive, ensure the floor covering and substrate are acclimatized to the recommended temperatures and R.H.

A. ULTRABOND ECO S955 1K (270-2-2016 GB)

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 the matting with MAPEI notched trowel for wood.

MAPEI provides technical data sheets (TDS) and safety data sheets (SDS) for all products which should be read in conjunction with this Short Form Specification. 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.

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.

