

SYSTEM FOR THE INSTALLATION OF TIMBER FLOORING OVER A MOISTURE VAPOUR BARRIER

H02



primer
Mapeproof 1K Turbo



timber adhesive
Ultrabond Eco P990 1K

concrete substrate
properly prepared

timber flooring

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WORK METHOD STATEMENT

Timber System – Internal
Installation of Timber over a MVB

MAPEI: H02
Version: 04/04/2023
Revision: 0

PART 1 SYSTEM

1.1 INFORMATION

- This work method statement covers the system to install tiles over uneven concrete, 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. Relative humidity (RH) readings must be carried out in accordance with ASTM F2170.
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 MOISTURE VAPOUR BARRIER (MVB)

A. MAPEPROOF 1K TURBO

One component, solvent-free, moisture curing and rapid drying polyurethane surface membrane with a very low emissions of volatile organic compounds. Can be used on <95% RH, 28-day old concrete.

APPLICATION:

- Apply with a roller, brush or flat trowel.
- A single coat is usually sufficient, providing a continuous layer with a glossy film on the surface is achieved. For more porous substrates, or substrates in poor condition, a second coat should be applied.
- For solid timber, parquetry and areas where high stresses are expected, Mapei highly recommend completely saturating the fresh coat of the MVB with QUARTZ 0.9 AU.
- Adhesive must be applied 2 hours after the application of primer, but no longer than 24 hours.

1.6 ADHESIVE

A. ULTRABOND ECO P990 1K

One component, solvent free, silicated 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.
- The adhesive is not suitable when laying varnished, pre-finished solid wood in the lower part or traditional solid parquet without tongue and groove. Please contact MAPEI Technical Services in these situations for alternative adhesive reconsiderations.

SYSTEM FOR THE **INSTALLATION OF TIMBER FLOORING OVER A MOISTURE VAPOUR BARRIER**

Product Guide



Mapeproof 1K Turbo

Size	Barcode
10 kg	8022452152842



Ultrabond Eco P990 1K

Size	Barcode
600 ml	8022452026706
15 kg	8022452022265