

SYSTEM FOR INSTALLING LVT PLANKS OVER EXISTING CERAMIC TILES

R13



existing tiles

1



primer
Eco Prim Grip Plus (fast drying)
or **Eco Prim T Plus (undiluted)**

2



levelling compound
Ultraplan

3



adhesive
Ultrabond
Eco VS90 Plus

4

LVT planks

5

PART 1 SYSTEM

1.1 INFORMATION

- This work method statement covers the system to install LVT planks over existing ceramic tiles in internal environments, 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.
- 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. Australian Standard(s):

1. AS 1884-2021 – Floor coverings – Resilient sheet and tiles – Installation practices

B. MAPEI Technical Notebook(s):

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

1.4 EXISTING CERAMIC TILE SUBSTRATE PREPARATION

1. The existing tiles must be cleaned and de-greased with **ULTRACARE HD CLEANER**. Where required for more difficult contaminants, mechanically prepare the existing tiled substrate using a diamond grinder.
2. Any existing loose/dummy tiles and loose/weak/cracked grout with large/deep joints should be removed and filled with **PLANITOP FAST 330** or **NIVORAPID**. Narrow grout joints should be filled with **KERAPOXY**.
3. 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).

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.



1.5 PRIMER

Primer to be chosen from the following options:

A. ECO PRIM T PLUS -

Solvent free acrylic primer in water dispersion with very low emissions of VOC's.

• **APPLICATION:**

- ◇ Apply the primer using a brush or roller undiluted. Ensure no puddling occurs.
- ◇ Levelling compound must be applied 4 to 5 hours after the application of **ECO PRIM T PLUS** but no longer than 24 hours.

B. ECO PRIM GRIP PLUS - Fast Track Solution

Multi-purpose, ready-to-use, low odour, bonding promoter primer with a very low emission of VOC for levelling compounds.

• **APPLICATION:**

- ◇ Stir ready-to-use primer prior to application, no dilution is required. Apply primer with either a roller or brush.
- ◇ Levelling compound can be applied 30 - 60 minutes after the application of **ECO PRIM GRIP PLUS**.

1.6 LEVELLING COMPOUND

Levelling compound to be chosen from the following options:

PRODUCT	APPLICATION THICKNESS (mm)	TIME BEFORE LAYING (Hours)
ULTRAPLAN ECO	3 - 10	12
ULTRAPLAN	3 - 15	12
ULTRAPLAN FAST TRACK	3 - 10	2
ULTRAPLAN TRADE	3 - 40	24 - 72
ULTRAPLAN MAXI	3 - 40	24 - 72

• **APPLICATION:**

- ◇ Spread the levelling compound in thicknesses according to the product used, using a large metal trowel or float, tilting the trowel slightly to obtain the desired thickness.

1.7 ADHESIVE

Adhesive to be chosen from the following options:

A. ULTRABOND ECO V4 SP -

Universal adhesive in water dispersion for resilient coverings, with low emission of VOC's.

B. ULTRABOND ECO V4 EVOLUTION -

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

C. ULTRABOND ECO VS90 PLUS -

Universal high temperature hard-set adhesive in water dispersion for resilient coverings.

• **APPLICATION:**

- ◇ Prior to the application of the adhesive, ensure the floor covering and substrate are acclimatised to the recommended temperatures and R.H.
- ◇ Before applying, stir the adhesive in the bucket. Apply adhesive evenly to the substrate using a V1 notched trowel. Check open times.



NOTES

- PRODUCTS FOR CERAMICS AND STONE MATERIAL
- PRODUCTS FOR RESILIENT AND TEXTILE MATERIALS
- PRODUCTS FOR TIMBER FLOORING
- PRODUCTS FOR CEMENTITIOUS AND RESIN FLOOR COVERING
- BUILDING SPECIALTY PRODUCTS
- ADMIXTURES FOR CONCRETE
- PRODUCTS FOR STRUCTURAL STRENGTHENING
- PRODUCTS FOR MASONRY RESTORATION
- WALL PROTECTIVE AND DECORATIVE COATINGS
- WATERPROOFING
- PRODUCTS FOR UNDERGROUND CONSTRUCTIONS (UTT)
- ELASTIC SEALANTS AND ADHESIVES
- PRODUCTS FOR SPORTS FLOORING
- CEMENT ADDITIVES (C-ADD)



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