

SYSTEM FOR THE PREPARATION OF CONCRETE PRIOR TO THE INSTALLATION OF FLOATING ENGINEERED TIMBER FLOORING



NZT05



properly prepared concrete substrate

1



moisture resistant levelling compound
Planex HR

3

plastic film

4

engineered timber planks

5

08/18 REV 0 (NZ)

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

PART 1 SYSTEM

1.1 REFERENCES

1. Australasian Timber Flooring Association (ATFA)
2. [MAPEI Surface Preparation Requirements – Floor Covering Installation Systems](#)

1.2 CONCRETE SUBSTRATE PREPARATION

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).

Any new concrete should have been curing for a minimum of 28 days and have a RH of 75% or less prior to the application of MAPEI products.

1.3 PRIMER

- **NOTE:** Prior to the application of the moisture vapour barrier, relative humidity (RH) readings must be carried out in accordance with NZS AS 1884:2013.

B. [ECO PRIM T PLUS 2930-04-2018 \(AUS\)](#)

1. Solvent free acrylic primer in water dispersion with very low emissions of volatile organic compounds.
- **APPLICATION:**
 - ◇ Apply the primer using a brush or roller diluted in accordance with the TDS.
 - ◇ Ensure no puddling of the primer occurs.

1.4 LEVELLING COMPOUND

A. [PLANEX HR 4050-1-2017 \(GB\)](#)

1. Rapid-drying, moisture-resistant, self-levelling smoothing mortar for layers 1 to 10 mm thick.
- **APPLICATION:**
 - ◇ Pour 4 to 4.2 litres of potable water into a clean container then add the 20 kg bag of [PLANEX HR](#) while using an electric mixer. Once a lump-free mix is obtained, let it stand for 2 to 3 minutes then briefly remix before use.
 - ◇ Spread levelling compound from 1 to 10 mm in thickness using a large metal spreader at a slight angle to obtain the desired thickness.
 - ◇ Once the levelling compound is set for light foot traffic (3 to 4 hours), a plastic sheet may be laid and the subsequent floating engineered timber flooring may be installed.

MAPEI provides technical data sheets (TDS) for all products which should be read in conjunction with this Work Method Statement. The TDS' can be obtained from www.mapei.co.nz, or by clicking directly on the listed products 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. Mapei provides technical data sheets (TDS) for all products which should be read in conjunction with this WMS. The TDS can be obtained from www.mapei.co.nz. Each project differs in exposure/condition, therefore specific recommendations may vary from the information contained above. For recommendations for specific applications/installations please contact MAPEI New Zealand Ltd.

