

## SYSTEM FOR THE INSTALLATION OF CARPET OVER A CONCRETE SUBSTRATE

R07



properly prepared  
concrete substrate

1



primer  
Eco Prim T Plus



levelling compound  
UC Leveller

2



adhesive  
Ultrabond Eco 170

4

carpet

5

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

# WORK METHOD STATEMENT

Resilient System – Internal

Installation of Carpet over Concrete

MAPEI: R07

Version: 10/09/2021

Revision: 4

## PART 1 SYSTEM

### 1.1 INFORMATION

- This work method statement covers the system to install carpet over a concrete substrate, 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](http://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

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### 1.3 RELEVANT DOCUMENTATION

#### A. Australian Standard(s):

1. AS 2455.1-2019 – Textile floor coverings – Installation practice – Part 1: General

#### B. MAPEI Technical Notebook(s):

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

### 1.4 CONCRETE SUBSTRATE PREPARATION

1. 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).
2. Relative humidity (R.H.) and alkalinity (pH) level readings must be carried out in accordance with AS 2455.1-2019. For high R.H. or readings more than the floor covering manufacturers requirements, contact Mapei for recommendations of a suitable Moisture Vapour Barrier (MVB).

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.

MAPEI Australia Pty. Ltd. ♦ 180 Viking Drive ♦ Wacol, Queensland 4076 ♦ Phone: +61-7-3276-5000



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## 1.5 PRIMER - IF LEVELLING COMPOUND IS REQUIRED

### 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 diluted with 2 parts water. Ensure no puddling occurs.
- ◊ Levelling compound must be applied 2 to 3 hours after the application of **ECO PRIM T PLUS** but no longer than 24 hours.

## 1.6 LEVELLING COMPOUND - IF REQUIRED

*Levelling compound to be chosen from the following options:*

PRODUCT	APPLICATION THICKNESS (mm)	TIME BEFORE LAYING (Hours)
NOVOPLAN 21	1 - 10	24
UC LEVELLER	3 - 40	24
ULTRAPLAN ECO	1 - 10	12
ULTRAPLAN	1 - 15	12
ULTRAPLAN TRADE	3 - 40	24 - 72
ULTRAPLAN FAST TRACK	1 - 10	2

#### • 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 EVOLUTION -

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

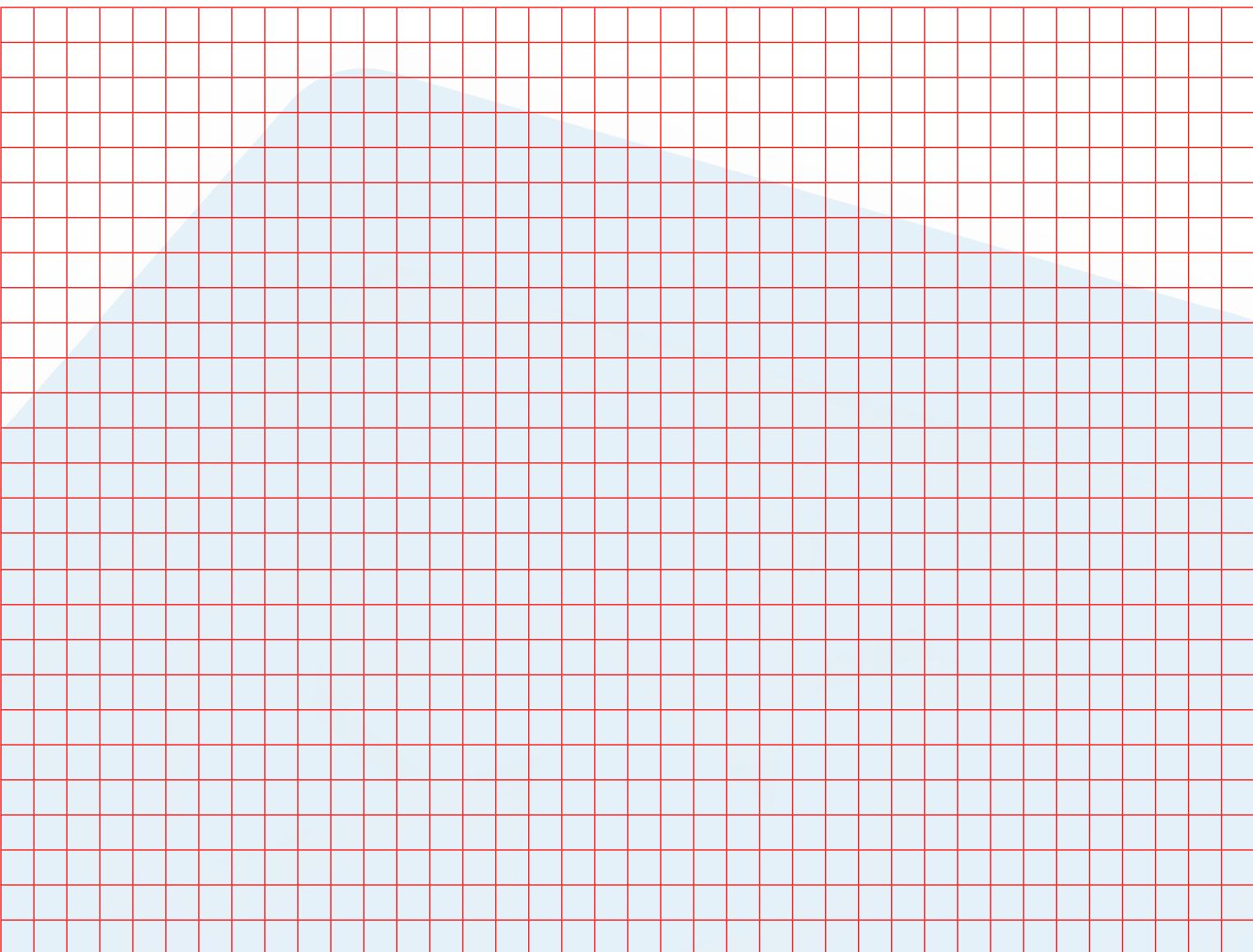
### B. ULTRABOND ECO 170 -

High initial grab and long open time adhesive for textile floorings.

#### • APPLICATION:

- ◊ Prior to the application of the adhesive, ensure the floor covering and substrate are acclimatised to the recommended temperatures and R.H.
- ◊ Apply enough adhesive to the substrate using a trowel such that it wets the back of the covering completely.

## 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)



**MAPEI Australia Pty Ltd**  
180 Viking Drive, Wacol  
QLD 4076  
Ph: 07 3276 5000  
E: [sales@mapei.com.au](mailto:sales@mapei.com.au)  
W: [mapei.com.au](http://mapei.com.au)