PART 1 SYSTEM

1.1 SCOPE

This work method statement covers the systems for waterproofing concrete and cementitious screed substrates beneath pedestal systems, in accordance with relevant standards, industry best practice and as per MAPEI technical data sheets (TDS).

1.2 REFERENCES

1. AS 4654.2-2012 – Waterproofing membranes for external above-ground use – Part 2

1.3 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 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).

1.4 WATERPROOFING MEMBRANE

- **NOTE:** Prior to the application of the waterproofing membrane:
  - ◊ **Junctions Option A:** Apply a waterproofing bandage with **MAPEBAND EASY** (7631-6-2017 GB), **MAPEBAND** (337-3-2018 GB) or **MAPEBAND SA** (2179-8-2017 GB) at wall/wall, wall/floor junctions and all other areas where movement is expected.
  - ◊ **Junctions Option B:** Apply a flexible fillet with **MAPEFLEX PU45 FT** (8102-10-2016 GB) with the membrane reinforced with **MAPETEX SEL** (911-12-2016 GB) at all wall/wall, wall/floor junctions and other areas where movement is expected
  - ◊ Ensure substrate has adequate falls in accordance with Clause 2.5.2 of AS4654.2. If required, apply a screed with **TOPCEM PRONTO.**

A. MAPELASTIC SMART (2013-8-2017 GB)

Two component, high flexibility cementitious mortar (with crack-bridging capacity >2 mm) applied by trowel or roller for waterproofing balconies, terraces, bathrooms.

- **APPLICATION:**
  - ◊ Waterproofing membrane must be applied in least three coats at 1 mm per coat by trowel or roller within 60 minutes of it being mixed.
  - ◊ Lay **MAPENET 150** (914-2-2017) glass fibre mesh into the wet first coat of the waterproofing membrane, ensuring the **MAPENET 150** is completely embedded, in strict accordance with the TDS.
  - ◊ Return waterproofing up wall substrates over the wall/floor junction in accordance with AS 4654.2-2012/TDS and returned down into wastes.
- **PROTECTION OF THE MEMBRANE:**
  - ◊ Ensure the waterproofing membrane and junction treatments are adequately protected from point loads and abrasion from the pedestal system and any other potential cause of damage.

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.com.au 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. 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.
This system is intended for light foot traffic only. Point loads larger than light foot traffic must always be evaluated by the site owner as they have the potential to damage the system.