

PART 1 SYSTEM

1.1 SUBSTRATE PREPARATION

A. Concrete / Asphalt Substrate

Substrate must be absorbent, uniformly dry, solid, sound, and free of dust, loose particles, cracks, paint, wax, oil, rust, traces of gypsum and other products that can interfere with bonding. Substrate must be prepared in accordance with the relevant Australian Standards and Mapei Technical Data Sheets (TDS).

1.2 ADHESIVE

Adhesive to be chosen from the following options:

A. ULTRABOND TURF 2 STARS (6401-5-2018)

1. Two component, solvent and water free polyurethane adhesive.

B. ADESILEX G19 (252-1-2016 GB)

1. Two-component, epoxy-polyurethane adhesive for resilient and textile flooring.

- **APPLICATION:**

- ◇ Apply adhesive using an appropriate trowel, as specified on the TDS.
- ◇ Apply adhesive evenly on as much of the substrate that can be covered with matting whilst the adhesive is still fresh.

1.3 GRANULAR RUBBER MATTING

A. MAPECOMFORT 4 mm (580-9-2017 GB)

1. Flexible rubber matting made from granules of recycled rubber, used in combination with products from the **MAPECOAT TNS** range to create multipurpose playing fields and tennis courts on asphalt or concrete.

- **APPLICATION:**

- ◇ Ensure the granular rubber matting is rolled into the adhesive and that all joints are weighted down (*bricks, pavers etc.*).

1.4 PRIMER

A. MAPECOAT TNS PRIMER EPW (971-3-2017 GB)

1. Two-component epoxy primer in water dispersion.

- **APPLICATION:**

- ◇ Mix the product and apply in a single even coat with a roller or spray. Wait 5-6 hours prior to applying the next product in the coating cycle.

1.5 ACRYLIC RESIN SEALER COAT

A. MAPECOAT TNS GREY BASE COAT (926-10-2012)

1. Semi-flexible acrylic resin basecoat and filling paste in water dispersion with selected fillers for preparing multi-discipline sports and tennis courts.

- **APPLICATION:**

- ◇ Dilute the acrylic resin in accordance with the TDS and apply 1 to 2 coats with a metal or rubber trowel, depending on requirements.



1.6 ACRYLIC RESIN COLOUR COATING

A. MAPECOAT TNS FINISH 1.3.4 (567-5-2018 GB)

1. Coloured acrylic resin-based coating product in water dispersion with selected fillers for indoor and outdoor tennis courts and multi-purpose playing surfaces, certified by the ITF (International Tennis Federation).

- **APPLICATION:**

- ◇ Dilute the acrylic resin in accordance with the TDS and apply 2 to 3 coats with a rubber trowel, depending on requirements.

1.7 ACRYLIC RESIN LINE MARKING

A. MAPECOAT TNS LINE (923-10-2012)

1. Acrylic resin-based paint in water dispersion for marking out indoor and outdoor sports courts and pitches.

- **APPLICATION:**

- ◇ Dilute the acrylic resin in accordance with the TDS and apply 1 to 2 coats with a brush, roller or spray.

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.

