

## PART 1 ASPHALT PREPARATION

### 1.1 GENERAL 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 asphalt 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).

### 1.2 CRACKS

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

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

- **APPLICATION:**

- ◇ Firstly, open the crack with an angle grinder.
- ◇ Seal the crack with the prepared mix.

### 1.3 PLANARITY

- **NOTE:** The substrate must be as flat as possible, and in all cases with a maximum slope of 1.5%.

*Planarity product to be chosen from the following options:*

#### A. MAPECOAT TNS WHITE BASE COAT (924-10-2012) – Thicknesses 1 to 5 mm

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

- **APPLICATION:**

- ◇ Mix the components in accordance with the TDS then apply with a metal or rubber backed trowel.

#### B. ADESILEX P4 + LATEX PLUS (107-07-2017 AUS & 114-3-2014) – Thicknesses > 5 mm

1. High performance, rapid-setting, full contact, cementitious adhesive for ceramic tile and stone material installations; smoothing compound for interiors and exteriors; mortar for brick and concrete block walls with latex additive to elasticize the adhesive. For old asphalt substrates only.

- **APPLICATION:**

- ◇ Apply adhesive using an appropriate trowel, as specified on the TDS.



## PART 2 SYSTEM

### 2.1 ACRYLIC RESIN SEALER COAT

#### A. MAPECOAT TNS WHITE BASE COAT (924-10-2012)

1. Semi-flexible, acrylic resin based basecoat and filling paste in water dispersion with selected fillers for preparing multi-purpose sports and tennis courts.
- **NOTE:** Dilute the acrylic resin in accordance with the TDS and apply 1 coat for concrete, and 1 to 2 coats depending on asphalt finish, with a metal or rubber trowel.

### 2.2 ACRYLIC RESIN COLOUR COATING

#### A. MAPECOAT TNS URBAN (928-10-2012)

1. Acrylic resin based coloured coating in water dispersion with selected fillers, for coating cycle tracks, footpaths and urban features.
- **NOTE:** Dilute the acrylic resin in accordance with the TDS and apply 2 coats with a rubber trowel.

### 2.3 ACRYLIC RESIN LINES 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.
- **NOTE:** Dilute the acrylic resin in accordance with the TDS and apply 1 to 2 coats with a brush, roller or spray.

### 2.4 PROTECTIVE FINISH

#### A. MAPECOAT TNS PROTECTION (583-1-2016 GB)

1. Two component transparent protective finish for products from the MAPECOAT TNS line.
- **NOTE:** Dilute the protective finish in accordance with the TDS and apply 1 coat with a machine spray.

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.com.au](http://www.mapei.com.au). 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 Australia Pty. Ltd.

