

## *Tennis Court & Sport Floor, Construction Method*

### **Teni Coat UV & Teni Mastic Base or Teni Filler Base Specification for All Weathered**

#### **Apply on Bitumen Premix or Concrete Surfacing Construction**

1. **Court Layout**

The standard size of the tennis court layout including boundary area is 18300 mm (60'-00") x 36600 mm (120'-00").

2. **Excavation**

To excavate 200mm (8") well-compacted below ground level, subject to and depending on finished level.

3. **Base Course/50mm to 75mm Stone Crusher Run**

Lay a layer of approximately 200mm (8") thick crusher-run well spread and compacted to a finish gradient of 1" per 10'-00" or 1:120 across the court surface from side to side in one place.

4. **Bitumen Premix or Concrete Floor**

4-a Lay 65mm (2.5") thick premix on the base course crusher-run in accordance to standard specifications having a maximum aggregate size of 9mm (3/8").

4-b Lay 100mm (4") thick G 20 Concrete on the base course crusher-run in accordance to standard specifications having aggregate size of 20mm (3/4") and about.

The premix or concrete surface shall be properly cured and clean and obtain maximum leveling, proper pitch and tight surface density or premix leveling course before application of **TENI FILLER BASE with MASTIC BASE & TENI COAT UV** to ensure maximum performance and economy.

Flood the whole surface with water and mark out all ponding areas of more than 1/8" depth. Thereafter, sweep the water away and allow drying.

5. **Teni Filler Base with Teni Mastic Base & Teni Coat UV Standard Court**

The Complete system of **Teni Filler Base & Teni Mastic Base** with **Teni Coat UV** In-depth Acrylic lay by rubber squeegee over the prepared premix or concrete surface, comprises: -

5-a 1 layer **Teni Filler Base** coat to be filling at least >2.00 kg/m<sup>2</sup>, level and arrest Minor depressions, irregularities and ponding areas.

**(We Recommended This System to Filling the Ponding Area)**

5-b 1 layers **Teni Mastic Base** Coat to provide firm standard tennis base.

Note: Apply each layer 1.5 kg/m<sup>2</sup> of **Teni Mastic Base**

5-c 1 layers **Teni Coat UV** Color Texture coat to attain uniformity.

Note: Apply each layer 0.70 kg/m<sup>2</sup> of **Teni Coat UV**

5-d **Teni Coat UV White Acrylic** paint to mark all court lines in accordance to the International Tennis Federation Rules and Regulations.

**6. Choice Finishing Colors**

The courts shall have two tone colors: -

i.e. Dark Green to the court area and Red for the boundary area.

**OR**

i.e. Blue to the court area and Yellow for the boundary area.

**OR**

i.e. Yellow to the court area and Brown for the boundary area.

**7. Playing Lines**

Playing lines shall be accurately located and marked by snapping chalked lines on the Court surface.

Standard dimensions shall be used. Lines shall be painted with acrylic or **Teni Coat UV Line Paint** and no oil base paint will be permitted.

**10. Net Posts, Net and Centre Strap Anchor**

Tennis Net Posts and Centre Strap Anchor shall be installed with mass concrete, Footings in correct position. Approved tennis net shall be fixed to the required height in position for play.

**11. Precaution**

Allow new premix surface minimum 7 days to cure OR new concrete surfaces 28 days to cure prior to application of **Teni Coat UV** system.

The Complete court surface shall be protected from traffic during all operations and shall not be opened for use for at least 24 hours, preferably 3 to 7 days to allow the coloured filled finish surface to dry completely to ensure maximum performance and economy.

**12. Guarantee**

The coloured filled acrylic finish playing surface shall have a Guarantee against peeling due to the defective materials, or faulty workmanship for a period of one year upon practical completion.

*The tennis court surfacing shall be **Teni Coat UV** system or equivalent to be carried out by a Specialist Contractor approved by the Architect or Superintending Officer (S.O.)*

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