



**WE KEEP THE GAME GOING**

NEW COURTS • REPAIRS • MAINTENANCE • ACCESSORIES

[WWW.PLASTICCOURT.COM](http://WWW.PLASTICCOURT.COM)

HIGH QUALITY PRODUCTS MAKE HIGH QUALITY SURFACES

# COURT LAYER WORKS

30mm Hot-Premix Asphalt TPA Fine

Bitumen Primer

150mm G6 Agrigate Compacted to 95% Mod AASHTO

150mm G5 Agrigate Compacted To 93% Md AASHTO

170mm Subgrade Ripped Up And Recompacted

**5** *Year*  
*Guarantee*  
*FOR*

TENNIS

BASKETBALL

NETBALL

10 Palala Road, Wilropark, Roodepoort, 1724

[sales@plasticcourt.com](mailto:sales@plasticcourt.com)

010 590 5301

[www.plasticcourt.com](http://www.plasticcourt.com)



**WE KEEP THE GAME GOING**

NEW COURTS • REPAIRS • MAINTENANCE • ACCESSORIES

[WWW.PLASTICOURT.COM](http://WWW.PLASTICOURT.COM)

**HIGH QUALITY PRODUCTS MAKE HIGH QUALITY SURFACES**

## THE NEW BUILD OR REBUILD PROCESS

If your goal is to have a perfect court with no cracks, pooling, or depressions, this is the best option for you. These common issues can only be permanently resolved by removing and rebuilding the existing court. Likewise, if you are constructing a new court, the following method is the only way to ensure long-term durability.

Other approaches, such as the Chip and Spray method, offer a limited lifespan of six weeks to three years before structural faults appear. It is not a question of if these issues will arise, but when.

## QUOTATION PHASE AND SCOPE OF WORK

A comprehensive site inspection is conducted to assess:

- Space requirements to ensure sufficient area for the designated sports.
- Earthworks and retaining structures needed for proper levelling.
- Soil density testing at multiple points to determine compaction levels.
- Soil sampling and laboratory analysis to establish soil composition (e.g., loamy, silty, etc.).
- Engineering design of layer works, based on lab reports (typically received within one week).

### STANDARD LAYER WORKS IN IDEAL CONDITIONS

#### 1. Excavation:

- Excavate to a depth of 500mm.
- Rip and recompact the subgrade.

#### 2. Base Preparation:

- Import and compact G6 material (150mm) to 93% Mod AASHTO density.
- Install precast interlocking garden curbs around the court perimeter.
- Import and compact G5 material (150mm) to 95% Mod AASHTO density, stabilized with 3% cement.
- Conduct lab testing to verify correct compaction and provide results to the client.

#### 3. Asphalt Surfacing:

- Apply a tack coat of bitumen (SS60) to prime the layer works.
- Import and apply hot premix asphalt TPA Fine (SANS Approved) at 35mm, compacted to 25mm.
- Ensure the finished court surface is 50mm to 100mm above ground level to enhance water runoff, with a fall of 1–3% toward the designated drainage area.

#### 4. Fencing & Posts:

- Install fencing posts, sports posts, sleeves, and caps.
- Erect fencing as per specifications.

#### 5. Surface Coating & Marking:

- Apply four layers of Court Guard All-Weather Surface in alternating directions.
- Apply three layers of Court Guard All-Weather Paint in alternating directions.
- Paint sports lines according to regulations.

## GUARANTEE

All work is covered by a 5-year guarantee (see Terms & Conditions).

