



**By email: Paul Dudley – dudleypaulj@gmail.com**

### **Upgrade works to three existing tennis courts at West Surrey Tennis Club, Godalming**

#### **Brief report**

*Court dimensions:*      *Block of two courts (Courts 2-3):*      *Approx. 34.10m x 31.15m*  
*Single Court (Court 1):*      *Approx. 34.10m x 16.30m*

The club are looking to upgrade all three courts to a playing surface that is more comfortable and forgiving on the body than the current asphalt surface, with the favoured playing surface being artificial clay (although other porous surfaces that are equally comfortable and forgiving on the body have not been discounted completely).

From a visual inspection, the courts appear to be in generally good condition considering their likely age and appear suitable for directly overlaying with artificial clay (or another playing surface type).

We understand that the courts generally drain well, although you have some concerns regarding areas around the baselines where water takes a little longer to drain through the surface. The courts are also becoming slippery in damp conditions which is common with older surfaces where the surface has become smooth (polished) and paint has been down for a number of years.

There is some minor moss growth around the court perimeters, and this should be treated ahead of pressure cleaning. Pressure cleaning will remove as much dirt, dead moss etc. as possible to provide maximum surface porosity. It will also give us the opportunity to check how well areas around the baselines really drain and we will advise if we have any concerns (plus recommend any remedial action necessary before the new playing surface is laid).

A positive upstand is required to the court perimeter to contain the loose artificial clay infill material and we have included for using an aluminium angle glued and screwed down to the existing perimeter edgings to achieve this. To most elevations this is simple, but as discussed, is slightly more complicated to the side of court 1 at the bottom of the concrete slope (where an upstand will create a health and safety hazard). We would need to discuss the most appropriate solution with you and for now have provided a provisional sum.

The fencing around the courts was not noted to have any significant issues and therefore no allowance has been made regarding any fencing replacement or alterations.

#### **Programme and timescales**

The most favourable time of year to install artificial clay surfaces is between April and September, however it is generally possible to do so a little earlier or later in the year. Lead-in time for artificial clay materials is generally 4-6 weeks from date of order. Preparatory works will take approximately one week (courts can be used for some of this time) and installation of the artificial clay surface will take approximately one week. Play can resume the following day but please note there is a 'bedding in period' usually of a few weeks where the courts will provide an erratic ball bounce. Usage and variety of weather helps to shorten this period.

**Works to be undertaken**Pressure clean and surface checks

Apply moss treatment to perimeter of each court as necessary (courts out of action for 24 hours following application. This will need to be applied 7-10 days before pressure cleaning commences.

Pressure clean the existing asphalt surface to ensure it is as free draining as possible. Check base using a 3 metre straight edge and report any areas of concern to the club and await further instruction. Fill any small holes (but at least 25mm diameter) with cold lay material.

If any localised repairs are recommended, the extent and cost of any repairs will be agreed with the club and implemented.

Tennis post sockets and centre anchors

Pack up tennis post sockets to suit new playing surface level. Break out existing and install new centre anchors, each set in minimum 300mm cube of concrete to suit new playing surface level.

Aluminium angle to perimeter of courts

Affix aluminium angle, approx. 62.5mm x 37.5mm x 5mm, to the back of the existing edgings to provide an upstand of 50mm to contain loose infill material.

Fencing works

No works to the fencing are included

EDEL Advantage RedCourt® artificial clay playing surface

Supply and lay EDEL Advantage RedCourt® artificial clay playing surface. This surface provides a highly practical alternative to traditional clay courts, but with a similar appearance and play characteristics, available for near year round play, without the need for sprinklers or the major cost of reconstruction each Spring. It is manufactured by EDEL Grass B.V. and uses a red ceramic treated infill that totally fills the stability mat. The stability mat has a polyethylene yarn for low sliding resistance, whilst the play lines are made using a special white yarn that gives higher durability and improved visibility. Advantage RedCourt® offers a slow surface pace (ITF Category 1) with uniform low bounce. It allows some top spin and slice and has a positive "push off" with controlled slide and some resilience. Also available in green at extra cost.

**£50,920.00 + VAT**

Other items**1) Artificial clay maintenance equipment**

No maintenance equipment is included. See Maintenance Information Sheet (attached) for our recommendations and associated costs.

## 2) Edge detail to side of court 1 at foot of concrete slope

Specific edge detail to be discussed and agreed as there are several options in regard to this ranging from filling gap created by angle upstand with drainage stone to extending the artificial clay surface by approx. 500mm.

**Provisional sum:           £100.00 - £1,500.00 + VAT**

### Alternative playing surface options – budget costs for information purposes

Based on the same scope of works as for artificial clay above, but with a lower profile aluminium angle (up to which the new playing surface would be laid).

Tigerturf Advantage Pro artificial grass	<b>£44,650.00 + VAT</b>
Poraflex porous cushioned acrylic	<b>£59,950.00 + VAT</b>

#### Tigerturf™ Advantage Pro artificial grass

This product is made using a monofilament micro-curved polyethylene yarn and is dressed with silica sports sand (0.25mm – 0.7mm grade). ITF surface pace rating of 4, medium-fast. Colours available are Standard Green (a mixture of two greens) or Dark Green, although other colours are available at extra cost.

#### Poraflex porous cushioned acrylic

This system comprises of a high quality 6mm rubber mat and specially formulated spray coatings resulting in a surface that has optimum cushioning with the added advantage of porosity. Poraflex is free draining, therefore, no water retention, and play throughout the year can be greatly extended. As well as being extremely durable and resistant to wear, the cushioned effect will remain constant throughout seasonal temperatures variations and over many years. The cushioning mat is prefabricated to a uniform thickness, allowing true ball bounce. This product has an ITF surface pace rating of 3, medium.

**Note:** If you require further information or a formal quote for either of these surfaces, please let us know.

### **Making good**

Upon completion of our contract, all our debris, excess materials and building equipment will be removed and all temporary material storage areas used will be made good, as reasonably practical, but no re-seeding or turfing is included. Drives or roads used for delivery of materials and equipment up to the tennis court or place of temporary storage are assumed to be suitable for lorry traffic. We do not accept responsibility for any damage to drives or roads used for construction access unless we have been notified in writing about the unsuitability prior to the commencement of work.

**Warranty**

Our workmanship and the materials we supply are covered by our 3 year warranty in respect of any defect arising from faulty workmanship or materials.

The artificial clay surface additionally benefits from a 5 year manufacturer's warranty, which reduces in % terms over time, subject to conditions (available upon request). The warranty period starts from the date of installation of the playing surface and is subject to the playing surface being used in accordance with the guidance for use and maintenance.

**Price validity terms and period (excluding guide costs)**

The above prices are based on current rates for works undertaken up to April 2022 and are open to acceptance for 30 days. Due to current volatility of material prices, any works commencing after this time would be subject to a review.

Guide costs are subject to adjustment if there is any significant change in the exchange rate of the Euro against Sterling. The cost indicated above has been calculated on the basis of an exchange rate of **1.20 Euros / £1**. The exchange rate variable relates only to the cost of the EDEL artificial clay materials (Advantage Pro / Poraflex surfaces unaffected by exchange rate). Any new tariffs / taxes / additional transport costs as a result of Brexit will be in addition to the price quoted above.

**Water and welfare**

The club have advised that we will be provided with free access to a nearby water supply for pressure cleaning and concrete mixing a toilet with hot and cold water hand washing facilities.

**SAPCA**

We take this opportunity to confirm that we are "Principal Contractor" members of SAPCA, the Sports and Play Construction Association. Unless specifically stated to the contrary all tennis court construction work will be in accordance with the SAPCA Code of Practice for the Construction and Maintenance of Tennis Courts.

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