

# proflex<sup>®</sup>

## ELITE

**Proflex<sup>®</sup> Elite is an impervious acrylic tennis surface offering optimum cushioning.**

There is a version of Proflex<sup>®</sup> Elite for each ITF Court Pace class. It is suitable for use in conventional and wheelchair tennis playing.

The system comprises a high quality 6mm\* rubber mat which is bonded and coated using durable textured polymers to produce a superior cushioned tennis surface.

\*Varying thicknesses of cushioning mat can be supplied on request.



As well as being extremely durable and resistant to wear, the cushioning effect will remain constant throughout seasonal temperature variations and over many years of use. Because the cushioning mat is prefabricated to a uniform thickness this will allow a true ball bounce on all areas of the court.

### ITF Pace Classifications

Normally, Proflex<sup>®</sup> Elite is available in versions that have ITF Pace Classifications of 2, 3 and 4. But, by varying the formulation of the components used in Proflex it is possible to produce surfaces with ITF Pace Classifications of 1(Slow) and 5(Fast) in addition.

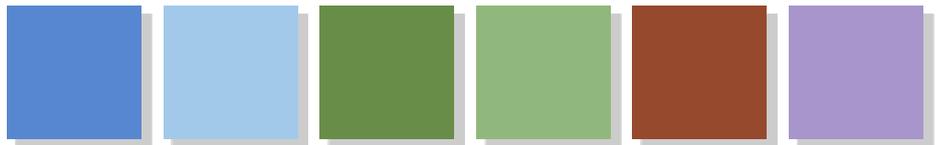


### The Environment

The materials used in these surfaces are environmentally friendly, using recycled rubber for the cushioning mat, together with solvent free adhesives and water-based polymer coatings.

### Colour Range

The standard range of colours comprises those shown here.



Please note that the colours are for illustration only and actual colours may differ considerably from those illustrated

Any other choice of colour can be formulated on request.



Proflex<sup>®</sup> Elite is a product of Proflex Surfaces Ltd, Surfacing Contractor members of The Sports and Play Construction Association.

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## Cross-section of Proflex® Elite

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### Top Coat

A sand-filled, coloured, single pack, water-based acrylic/polyurethane coating, providing texture and additional strength to the surface.

Whilst Proflex® Elite is designed primarily for tennis the surface is also ideal for Multi Use Games Areas. The slip resistance of the top coat may also be adjusted to meet the requirements of other sports such as netball, 5-a-side football and basketball.

②

### Acrylic/PU Wear Layers

A sand-filled, coloured, single pack, water-based acrylic/polyurethane coatings, providing texture and additional strength to the surface.

③

### Self levelling PU Wear Layer

A self-levelling two-part polyurethane wear layer that strengthens the surface and provides area elasticity.

④

### Pore Filler

A durable and flexible two-pack polyurethane coating, which fills the pores of the rubber shockpad providing excellent mechanical and chemical adhesion.

⑤

### Shockpad

Pre-fabricated to the required thickness, the shockpad comprises recycled rubber particles bonded together with a polyurethane binder.

⑥

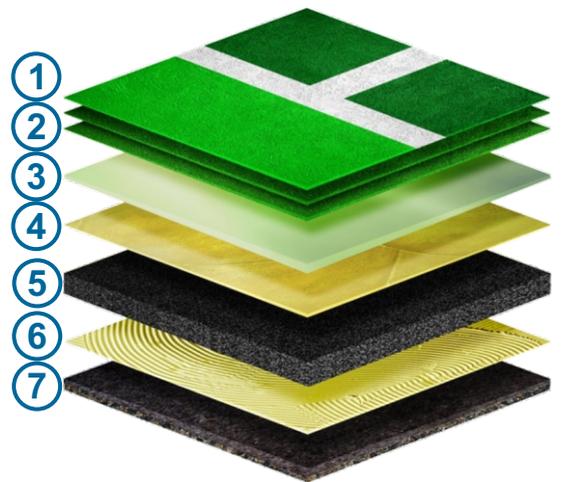
### Adhesive

A two-pack polyurethane adhesive is coated over the entire surface of the substrate to provide total bonding of the rubber shockpad.

⑦

### Substrate

Macadam or concrete. Generally built to a gradient of 1:100 to 1:150.



## Maintenance

The maintenance costs are very low and in most cases the court surface will only require a pressure wash every one to two years.

This service can be carried out professionally by First Service Ltd on a routine basis if required.