

poraflex®

HIGH PERFORMANCE POROUS CUSHIONED ACRYLIC

Poraflex® is a high performance porous cushioned acrylic surface.

The patented Poraflex® system comprises 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.

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

The surface is extremely useful in rainy climates where traditional impervious acrylic courts will retain water.



Poraflex® is free draining, therefore there is no water retention and the availability of courts throughout the year is greatly increased.

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

Poraflex® has an ITF Pace Classification of 3.



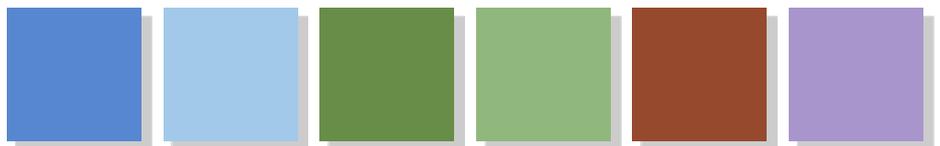
The Environment

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.



Poraflex® is a product of
Proflex Surfaces Ltd,
Surfacing Contractor members of
The Sports and Play Construction Association.

Cross-section of Poraflex®

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Top Coat

Two spray applications of a highly durable acrylic coating providing the required slip resistance and choice of colour.

While Poraflex® is designed primarily for tennis it is also ideal for use in 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 and basketball.

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Spray Wear Layers

A pigmented water-based acrylic/polyurethane specially formulated for good adhesion to the shockpad.

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Shockpad

Fabricated to the required thickness the shockpad comprises recycled rubber particles bonded together with a polyurethane binder.

The particular quality of shockpad used in Poraflex® has a high density to provide excellent strength while maintaining good porosity.

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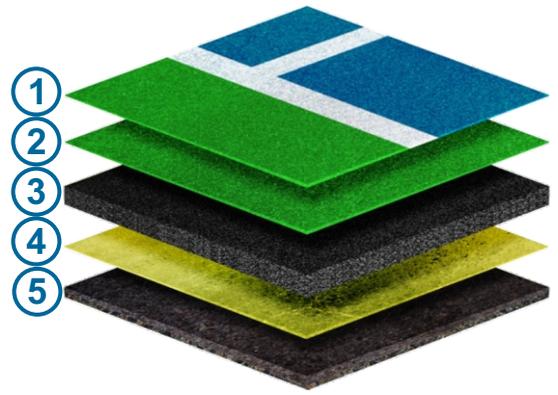
Adhesive

A polyurethane adhesive is "spatter sprayed" to the substrate to provide total bonding of the shockpad while allowing free drainage of water.

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Porous Substrate

Porous macadam or concrete. Poraflex® can be installed on new or existing porous substrates.



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.