



poraflex®



**HIGH
PERFORMANCE
WATER
PERMEABLE
CUSHIONED
ACRYLIC
SURFACE**

The patented system comprises a high quality prefabricated 6mm rubber mat and specially formulated acrylic spray coatings resulting in a highly durable permeable surface offering maximum comfort and consistent ball bounce.

Our illustration shows the mat being laid prior to coating with the final tennis surface.

Some materials used in court construction can become less resilient or stiffer in cold weather conditions. The rubber mat used in **Poraflex**® is inherently stable and its properties do

not vary significantly over a wide range of temperature and humidity conditions.

Furthermore the mat is prefabricated and manufactured to a controlled and uniform thickness thus eliminating any unevenness in the cushion layer that might cause variable ball bounce.

Poraflex® spray coatings can be adjusted to meet the slip resistance requirements for other sports such as netball, basketball and five-a-side. This makes it the ideal surface choice for Multi Use Games Areas (**MUGAs**).





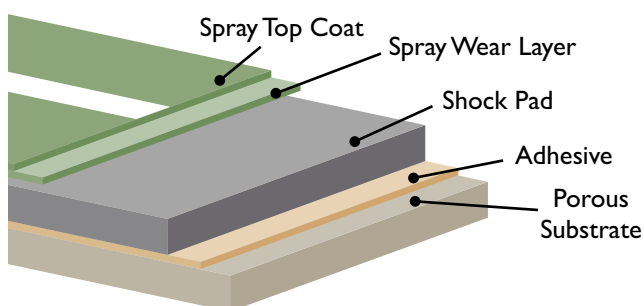
The cross section shows the key components in the **Poraflex**® surface system.

The porous substrate is usually a two course open textured macadam base with minimum thickness as laid down by the SAPCA Code of Practice for the Construction and Maintenance of Tennis Courts.

The porous recycled rubber mat is then adhered to the substrate using a specially formulated and applied adhesive that maintains the porosity of the system.

The system is completed using two spray applications of a highly durable acrylic coating providing the required slip resistance and choice of colour.

Cross-section of the Poraflex® System



ITF Performance Testing

ITF Classification

Surface Pace:	36.6	Medium
Shock Absorbency:	15.2%	
Water Permeability:	228mm/hour	High

ITF Preferred Range

Slip Resistance:	Dry: 98	Wet: 69	60 - 110
Traction Coefficient:	Dry: 1.16	Wet: 0.70	0.60 - 1.50



Results obtained from CST Technical Report Y-0109N on Poraflex 6mm mat

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.

Environmental - All materials used in the formulation and installation of these products are environmentally friendly by utilising recycled rubber for the cushion layer together with solvent free adhesives and water-based polymer coatings.

Poraflex® is a product of First Service Sports Ltd, members of The Sports and Play Construction Association (SAPCA).



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