



proflex®



**HIGH
PERFORMANCE
IMPERMEABLE
CUSHIONED
ACRYLIC
SURFACE**

The **Proflex**® system comprises a high quality prefabricated 6mm rubber mat and specially formulated acrylic coatings resulting in an extremely durable impervious surface offering maximum comfort and consistent ball bounce.

As well as having excellent durability the cushioning effect will remain

constant throughout seasonal temperature variations and over many years of use.



The uniform thickness of the mat ensures true ball bounce on all areas of the court.

The 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**).



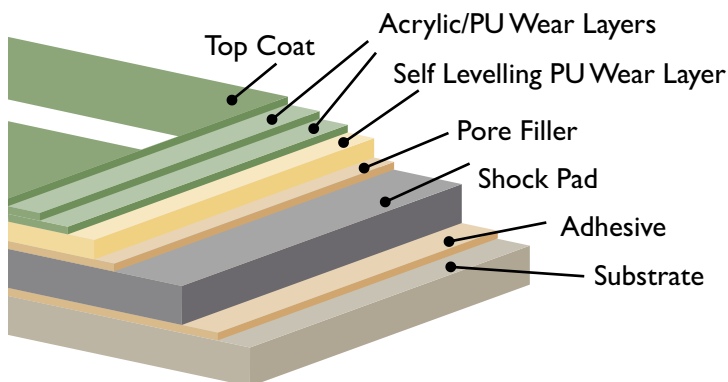
The cross section shows the key components in the **Proflex®** surface system.

The substrate is usually a high density macadam or concrete base with minimum thickness as laid down by the SAPCA Code of Practice for the Construction and Maintenance of Tennis Courts.

The recycled rubber mat is then adhered to the substrate using a specially formulated solvent free adhesive.

A unique water-based single pack acrylic is applied as a pore filler resulting in a smooth surface for the final two layers of highly durable acrylic coating that are pigmented and textured providing the required slip resistance and choice of colour.

Cross-section of the Proflex® System



ITF Performance Testing

ITF Classification

Surface Pace:	34.4	Medium
Shock Absorbency:	17.5%	

ITF Preferred Range

Slip Resistance:	Dry: 97	Wet: 70	60 - 110
Traction Coefficient:	Dry: 1.16	Wet: 0.70	0.60 - 1.50



Results obtained from CST Technical Report Y-0109N on Proflex 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.

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



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