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# proflex®

## MULTISPORT

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### **Proflex® Multisport is a site applied cushioned multi-Multisportpose indoor sports surface.**

The system comprises a two-pack polyurethane adhesive, a prefabricated \*rubber mat, a two-pack polyurethane pore filler, a 2mm self-levelling polyurethane wear layer and a two-pack water-based polyurethane top coat.

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

Proflex® Multisport remains point elastic due to the resilient nature of the prefabricated rubber mat together with the polyurethane wear layer and top coat.



Proflex Multisport can be used for a number of sports and activities including badminton, tennis, netball, 5-a-side football, basketball, gymnastics, training, dance and aerobics.

### **Activity Lines**

Activity lines in intense colours are applied using the same material specification as the final Multisport roll surface coat.

### **EN 14904 - Surfaces for Sports Areas**

In recent independent tests, Proflex® Multisport scored a pass in every relevant section of the standard.

These included: friction, shock absorption, vertical deformation, vertical ball behaviour, resistance to rolling load, resistance to wear, specular gloss, resistance to indentation and resistance to impact.

The test results show Proflex® Multisport to satisfy the requirements of EN 14904 Surfaces for Sports Areas: Indoor surfaces for sport use - specification.

### **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.



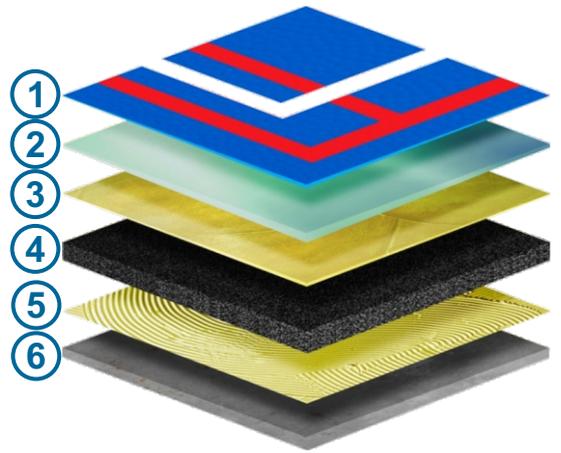
Proflex® Multisport is a product of  
Proflex Surfaces Ltd,  
Surfacing Contractor members of  
The Sports and Play Construction Association.

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## Cross-section of Proflex® Multisport

- ① **Top Coat**  
Single pack, water-based, low odour polyurethane top coat.
- ② **Two-pack Self levelling PU Wear Layer**  
Resilient and durable two-part polyurethane wear layer.
- ③ **Two-pack Pore Filler**  
A durable and flexible two-pack polyurethane coating, which fills the pores of the rubber shockpad providing excellent mechanical and chemical adhesion.
- ④ **Shockpad**  
Pre-fabricated to the required thickness, the shockpad comprises recycled rubber particles bonded together with a polyurethane binder.
- ⑤ **Two-part PU Adhesive**  
A two-pack polyurethane adhesive is coated over the entire surface of the substrate to provide total bonding of the rubber shockpad.
- ⑥ **Substrate**  
The substrate is usually high density macadam, concrete or a wooden base which is of suitable specification for the expected loads and activities.



### Installation sequence

The substrate is usually high density macadam, concrete or a wooden base which is of suitable specification and construction for the expected loads and activities.

The prefabricated rubber mat is then adhered to the substrate using a specially formulated two-pack, solvent-free adhesive.

A two-pack PU compound is applied as a pore filler, for the resilient and durable two-pack polyurethane wear layer, resulting in a smooth surface for the final water-based Multisport roll coat.

Activity lines are then applied in appropriate colours.

### Maintenance

The maintenance of Proflex® Multisport is not demanding but should be done regularly.

Removal of dust and contamination should be carried out by sweeping and damp wipe cleaning on a daily basis if necessary.

Deeper, wet cleaning should be done several times a year depending on usage.

We recommend that you follow the comprehensive maintenance guidelines available on request.

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