

proflex[®]
pu



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Proflex[®] PU is a site applied, cushioned multi-purpose 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.

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

Special Properties

- Cushioned surface
- Very resilient and durable
- Seamless surface
- Water-based polyurethane
- Increased chemical resistance
- Bright intense colours
- Easy to clean

Uses **Proflex[®] PU** can be used for a number of sports and activities including badminton, tennis, netball, 5-a-side football, basketball, gymnastics, training, dance and aerobics.

The prefabricated rubber mat is manufactured under factory conditions and this - together with the very resilient and durable self-levelling polyurethane wear layer and water-based top coat - means that **Proflex[®] PU** has an extended useful life. Furthermore, the low maintenance demand includes regular sweeping and periodic wet cleaning only.

No polishing or buffing is required. Indeed, re-finishing with a fresh top coat and wear layer will only be necessary after several years of usage. The prefabricated rubber mat can therefore be reused indefinitely.



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

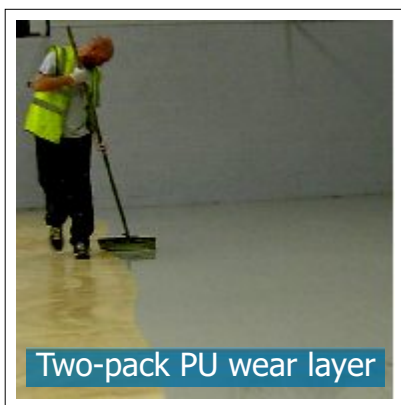
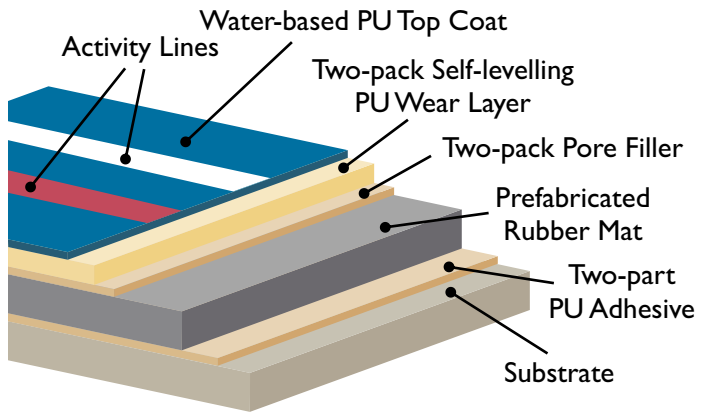
The substrate is usually high density macadam, concrete or a wooden base which is of suitable specification and construction for the expected loads and activities.

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 PU roll coat.

Activity lines are then applied in appropriate colours.

Cross-section of the Proflex® PU System



All materials used in the formulation and installation of these products are environmentally friendly, utilising recycled rubber for the prefabricated mat together with solvent-free and water-based polyurethane technology.

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



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