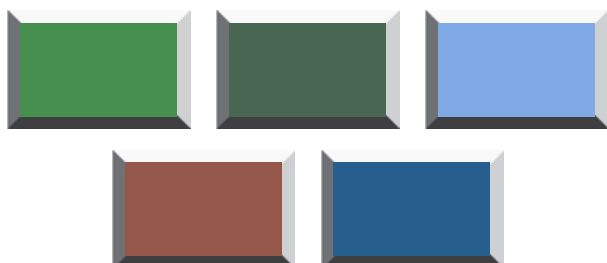




DATA SHEET

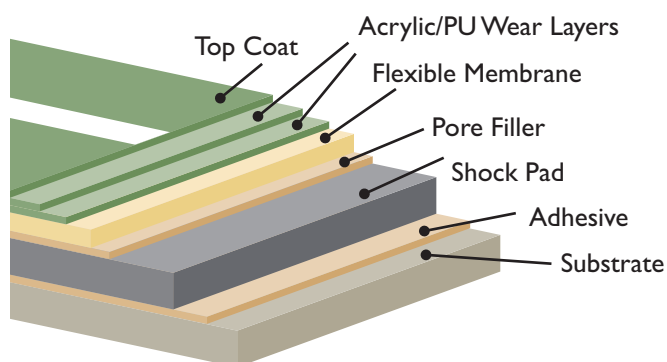


Standard Colours



The colour of the applied coating may differ from the above representation. Contact our Technical Service Department if an accurate sample is required. Special colours are also available on request.

Court Design Proflex®



Description

Proflex® is a cushioned acrylic sports surface designed to give optimum cushion and grip.

The **Proflex®** system comprises a pre-formed rubber mat which is adhered to a concrete or macadam substrate, a two pack polyurethane pore filler, a two pack polyurethane flexible membrane, two acrylic wear layers and one acrylic top coat.

Uses

Proflex® is used as a cushioned surface to be used as tennis, netball or multi-use games areas (MUGA's).

Model Specification

- Product: **Proflex®**
- ITF Classification: 2
- Finish: Extra Texture (tennis) and Full Texture (netball)
- Colour: _____
- Substrate: Supplier's Instructions
- Application: Supplier's Instructions
- Supplier: Sports Coatings Limited
- Contact: Technical Service Department 01440 766366

Substrate and Preparatory Work

All loosely adhered debris must be removed by vacuuming, blowing or sweeping prior to the application of **Proflex®**. Any firmly adhered contamination should be removed by low pressure power washing.

Application

Adhesive: The adhesive is mixed in the ratios supplied by adding the entire contents of the hardener component to the base component and mixing with a slow speed drill fitted with a mixing paddle. Mixing should be for a minimum of 3 minutes, empty the contents in to a clean suitably sized mixing vessel and mix for a further 2 minutes.

Apply the adhesive with a notched trowel at a rate of 0.833 kg per m².

Lay the Proflex rubber surface whilst the adhesive is wet ensuring the joints between rolls are closed with no gaps. When the adhesive becomes tacky roll the surface with a metal roller weighing no less the 50 kilos.

Porefiller: The porefiller is mixed in the ratios supplied by adding the entire contents of the hardener component to the base component and mixing with a slow speed drill fitted with a mixing paddle. Mixing should be for a minimum of 3 minutes, empty the contents in to a clean suitably sized mixing vessel and mix for a further 2 minutes.

Apply the pore filler with a flat blade trowel at a rate of 0.6 kgs per metre square ensuring the entire surface is covered and the joints are filled. Allow to cure overnight.

Flexible Membrane: The flexible membrane is mixed in



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the ratios supplied by adding the entire contents of the hardener component to the base component and mixing with a slow speed drill fitted with a mixing paddle. Mixing should be for a minimum of 3 minutes, empty the contents in to a clean suitably sized mixing vessel and mix for a further 2 minutes.

Prior to application of the flexible membrane ensure any high spots are removed from the surface.

Apply the flexible membrane using a lambswool roller at a ratio of 0.5kgs per metre squared.

Wear Layers: Mix 20 litres of Proflex topcoat with between 10 and 20 litres of clean dried 110 mesh silica sand and mix with a slow speed drill fitted with a suitable mixing paddle, add sufficient clean water to achieve the required application viscosity. Apply two coats of this mix to the surface allowing the previous coat to dry overnight before application of the second.

Ensure the surface has no high spots or rough patches before applying the next coat.

The final wear layer should be mixed as before in the ratio of 20 litres of Proflex acrylic topcoat mixed with between 0 and 10 litres of clean dried 110 mesh silica sand and the required amount of water.

Proflex wear layers and the final topcoat should be applied using a flat blade rubber squeegee.

Sand quantities can be adjusted to effect the surface slip and pace.

Application Conditions

Proflex® should only be applied in fine, dry weather and when substrate temperature is higher than 5°C and likely to remain so for 6-7 hours after this. Substrate temperatures higher than 30°C should also be avoided.

Note: situations where frost may occur within 24 hours of painting must be avoided.

Packaging

Adhesive:	25 kg pails
Rubber Mat:	35 m rolls
Porefiller:	25 kg pails
Flexible Membrane:	25 kg pails
Top Coat:	20 litre units

Coverage

Adhesive:	0.8-0.85 kg/m ²
Porefiller:	0.6 kg/m ²

Flexible Membrane:	1.0 kg/m ²
Wear Layers/Top Coat:	3.5 kg/m ² /litre

Note: coverage will vary depending on substrate porosity, application temperature and technique.

Technical Information

Adhesive:	Tack free time: 3-4 hours at 20°C Full cure: 48 hours approx. at 20°C
Porefiller:	Tack free time: 3-4 hours at 20°C Full cure: 48 hours approx. at 20°C
Flexible Membrane:	Tack free time: 3-4 hours at 20°C Full cure: 48 hours approx. at 20°C
Wear Layers/ Top Coat:	Touch dry time: 2-3 hours at 20°C Full cure: 72 hours approx. at 20°C
Slip resistance:	Meets the "wet" and "dry" requirements of the ITF (60) and AENA (75).

Shelf Life

Proflex® adhesive, porefiller, flexible membrane and top coat have a shelf life of approximately 12 months in original, unopened packaging.

Storage

Store above 5°C in an environment safe from frost.

Aftercare and Maintenance

Detailed guidance on the maintenance of painted courts may be found in SAPCA's Code of Practice for the Maintenance of Synthetic Sports Surfaces (www.sapca.org.uk).

Life Expectancy

If the sports surface is used in accordance with its intended purpose **Proflex**® will give acceptable performance for between 3 and 5 years. However, certain factors will influence the performance of the coating and may well result in premature wear. Detailed guidance on the factors can be found in SAPCA's Code of Practice for the Maintenance of Synthetic Sports Surfaces (www.sapca.org.uk).

Health and Safety

For detailed information please refer to the current Material Safety Data Sheet.

Further Information

To ensure you are specifying or applying a fit for purpose coating please contact our Technical Services Department.



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