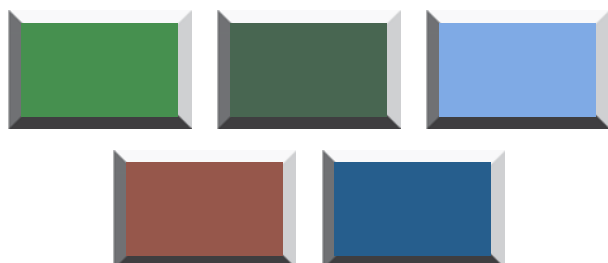




# DATA SHEET

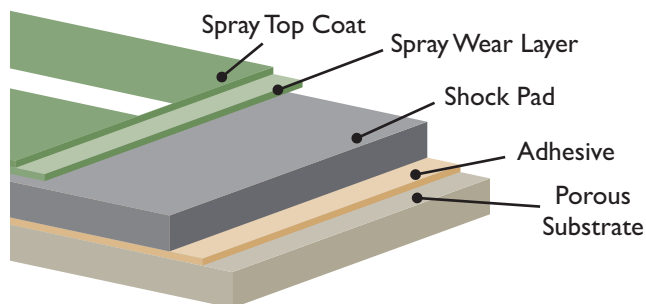


## Standard Colours



*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 Poraflex®



### Description

**Poraflex®** is a porous cushioned acrylic sports surface designed to give optimum cushion and grip.

The **Poraflex®** system comprises a pre-formed rubber mat which is adhered to a porous substrate and sprayed with a coloured acrylic coating.

### Uses

**Poraflex®** is used as an overlay system to be used as tennis, netball or multi-use games areas (MUGA's).

### Model Specification

- Product: **Poraflex®**
- ITF Classification: 3
- 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 **Poraflex®**. Any firmly adhered contamination should be removed by low pressure power washing.

### Application

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 suitably sized airless spraying machine such as A Graco Ultra-max II at a rate of approximately 0.8-0.85 kg/m<sup>2</sup>. Lay the Poraflex 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.

The following day the surface should be cleaned with a mild detergent and a high pressure water jet to remove any debris or dirt and to break the surface tension of the rubber.

After the surface has fully dried, Poraflex top coat should be applied with an airless spray machine



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such as a Graco Ultra-max II at a rate of 0.25 litres per m<sup>2</sup> ensuring that the surface pores are not blocked by over application in localized areas.

## Application Conditions

**Poraflex®** 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  
Top Coat: 20 litre units

## Coverage

Adhesive: 0.8-0.85 kg/m<sup>2</sup>  
Top Coat: 3.5 m<sup>2</sup>/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  
Top Coat: 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

**Poraflex®** adhesive 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](http://www.sapca.org.uk)).

## Life Expectancy

If the sports surface is used in accordance with its intended purpose **Poraflex®** 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](http://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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