

Prosports Acrylic Hardcourt is an advanced non porous sports surface system. The acrylic coating is waterproof, colourful and non fading and can be applied to both asphalt and concrete surfaces. Manufactured from selected premium 100% acrylic resins, light stable oxide pigments, and a unique combination of reinforcing powders and aggregates. The finished surface provides durability, performance and is resilient to demanding global weather conditions. The Pro Sport System is easy to maintain and clean and will look and play great for years.



### ITF Pace Classification

ProSport Acrylic has been classified by the ITF as having a medium court pace (3). All our sports surface technicians have training to be able to adjust the formulation during the mixing stages on site to achieve ITF classification 1-5. All testing and development of this system was carried out in the United Kingdom by a SAPCA Member.



### Slip Testing

ProSport acrylic hardcourt contains aggregates and silica which are very effective in achieving slip resistance required for sports surfaces. Below are the results for a slip resistance test determined using BS EN 13036 Part 4/ ITF CS 03/01 (details of which can be found in the Initial ITF Study on Performance Standards for Tennis Court Surfaces)

The Lawn Tennis Association (LTA) recommend a minimum Slip Resistance value for Tennis & Mini Tennis of 60.

| Condition | Slip Resistance |
|-----------|-----------------|
| Dry       | 85              |
| Wet       | 68              |

### Life Expectancy

If the sports surface is used following standard rules and maintenance procedures then Pro Sport Acrylic will give a high level of performance for between 3 and 5 years. High play areas and court entrances are the first to show premature wear, but can be easily resurfaced when required. 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))

**Surface Uses:** Tennis Courts, Basketball Courts, Netball Courts, Football, MUGA'S, Playgrounds & Pathways.



**Standard Colour Range**

Dark Green, Light Green, Clay Red, Light Blue, Dark Blue.

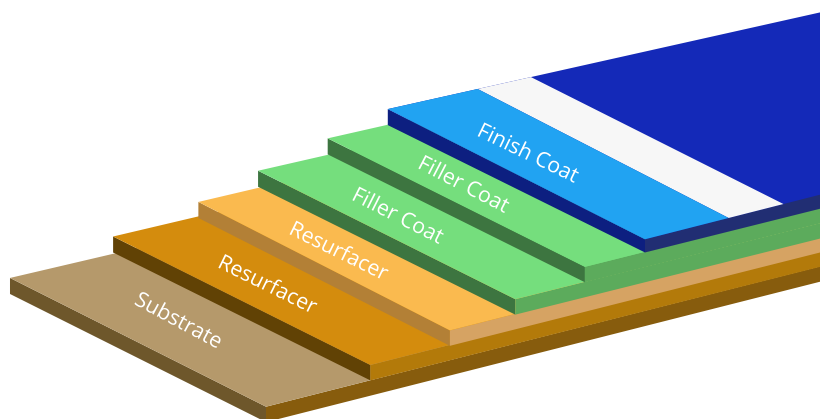
Non Standard colours can be manufactured upon request using RAL numbers.

## Installation Guidelines

The Pro Sport Hardcourt system consists of 2 resurfacer coat, 2 filler coats and finally a single finish coat when applied to a new tarmac surface. Lines for single use or multi-sport use can then be applied. For existing courts there is a 3 coat system (1 resurfacer, 1 filler coat and 1 finish coat).

All of the products in this range are manufactured entirely in the UK.

ProSport Resurfacer and wear layers are applied using a 900mm flexible squeegee (50 to 70 durometer) in a perpendicular direction to the playing net. While the finish coat is applied parallel to the playing net using a 900mm squeegee brush. Courts which are being resurfaced will require a full pressure wash removing any contaminants. Once dry the surface is to be sanded using an industrial rotary floor sander. This will allow the new product to key into the existing surface achieving better adhesion. Any imperfections and low spots should be monitored during each layer of product installed and appropriate action taken. A short video can be found on our Facebook page.



## Maintenance

- Sweeping, blowing or vacuuming are all recommended methods of keeping the court clean from debris and contaminants. This is to be carried out on a weekly basis.
- Apply a moss/algae treatment twice a year. Spring / Autumn
- Professionally have the court pressure washed and inspected for defects yearly.

## Drying Time

- Dependant on surface and ambient temperature, humidity and the mix design used.
- Touch dry within 2 to 4 hours under optimum outdoor conditions
- Sanding and scraping should be left for 6+ hours, Preferably overnight
- Indoor surfaces need to be well ventilated and the use of fans are recommended.
- Only 1 coat per day on indoor surfaces.

## Limitations

- Do not apply if rain is forecast
- Do not apply if surface temperature is above 40 degrees C or below 15 degrees C
- New laid tarmacadam requires a minimum of 21 days to oxidize.
- New laid concrete surfaces require a minimum of 28 days to cure.
- Allow each application to fully dry before subsequent work is carried out.
- Courts are not to be opened for 5 days.
- Pro Sports Hardcourt will not prevent substrate cracks from occurring on new/old surfaces □ Do not store in direct sunlight. Keep from freezing.