

# PR Sports

SR75+

## Prosport SR75+

Prosport SR75+ is a combination of single pack water based acrylic coatings, acrylic binders and dry kilned silicas. Together they create a hard-wearing sports surface that has a high slip resistance ideal for high usage facilities. The coating achieves slip resistance 75 plus in wet, damp and dry conditions. The 3-coat system (1 binder, 2 colour coat) strengthens the tarmac base it is applied to while offering flexibility to the seasonal climate changes. The 100% acrylic paint offers the durability required for a high use sports surface, with the impact colour schemes associated with international competitions achieved using light stable pigments.

## Uses

Prosport SR75+ primarily is specific to Netball courts as its slip resistance and durability were all developed to comply with netball court requirements set out by AENA. In recent years the popularity of MUGAs has meant this product is now applied when multi sports are being played that require a surface that gives good grip in wet and dry conditions. Which would otherwise result in potential sports injury. Prosport SR75+ can be applied to playgrounds and walkways where there is heavy foot traffic. Prosport SR75+ is also becoming popular with architects who require bright vibrant zoning of outdoor spaces that traditional building materials cannot achieve.

## Colour Range

Standard colours come in 20 litre buckets of

light green, dark green, terracotta, dark blue. Any RAL colour can be manufactured upon request.

## Preparation and Site Conditions

New tarmac installations should be allowed to oxidise before colour coating. During the summer months this usually would be a minimum period of 3 weeks. This increases during the cooler winter months up to 3 months. The minimum temperature of the surface to be sprayed is 5 degrees and rising, for a period of 6-8 hours. Maximum temperature the paint can be applied is 30 degrees. The surface should be dry before application with no forecast of rain. Products should not be applied to surfaces if there is a forecast for frost within a 24 hour period after spraying.

Both old and new courts need to be free from dirt, debris, flaking material, loose stone, moss and algae before application. On new courts this can be achieved usually with a back pack blower, or on occasion a light pressure wash may be required. On older courts a full pressure wash is needed to both ensure the paint has a clean surface to adhere to and improve drainage of the sports surface; this is usually achieved with the entire area being pressure washed with a flat surface rotary cleaner attachment followed by lancing and removal off all debris from the surface. If after cleaning courts the tarmac is showing signs of fretting a binder coat (see Binders data sheet) would be required.





### **Application**

Prospert SR75+ is to be applied using a heavy duty airless sprayer. The spray gun should be fitted with a tip size 31 or 33. The paint should be mixed before use to ensure silica which achieve the slip resistance is evenly distributed through the paint when applied. The products comes ready-mixed and should only on rare occasions require the addition of water. Diluting of the product will cause premature wear of the surface and its playing characteristics.

The binder is applied in a single coat and on a single court (550m/s) you would look to use 60-80ltrs. The dry kilned silica is then applied to the playing surface. The paint is applied in 2 coats. The first coat usually follows the length of the court and the second the width. The second coat should only be applied once the first is touch dry, 1-5 hours dependant on site conditions. An average size netball court would use 170-200 litres (0.30 – 0.36 litre/m<sup>2</sup>) of paint in total. Applying too much product can cause porosity issues and give rise to slip problems. Care must be taken to mask curbs and fencing, and cover all areas not to be sprayed. Although the paint will be touch dry upon completion it is important not to use the playing surface for a minimum of 5 days. This extends to 7 plus days in cooler times of the year, particularly in shaded areas where the ground temperature remains low. Failing to do this could cause issues with slip resistance and adhesion of the product and would void any warranty. Water is to be used for cleaning machines and surface spillages.

### **Maintenance**

Leaf blowers and vacuums are recommended to keep the court clean from debris. However, brushing the surface is not recommended, as it pushes dirt and debris into the pores of the tarmac which encourages moss growth and makes the surface less porous. This is to be carried out on a weekly basis.

Apply a moss and algae treatment at least once a year. We recommend after cleaning, so the product has a residual affect.

Have the court professionally pressure-cleaned and inspected for defects yearly. The cleaning process should involve the use of a rotary flat-surface cleaner over the entire court clearing the pores of the tarmac. All resulting debris should be lanced off the court to the perimeter.

