

## PROSPORT BINDER

### Description & Usage

Prosports Acrylic Binder is designed primarily to reinforce and improve the integrity of the macadam of old surfaces prior to the application of the acrylic sports coating. This may also be used to treat new macadam surfaces to minimise the softening effect of elevated temperatures. This treatment also serves to optimise adhesion between the substrate and subsequent paint coats, thereby extending the service life of the paint.

The protection against further fretting (loosening of the stones within the surface) will not affect the porosity of the surface if applied using the following guidelines.

### Surface Preparation

The secret of a successful painting job is proper surface preparation. The surface must be thoroughly cleaned making sure that it is free of anything which could adversely affect the adhesion of this coating to the surface, including:

- loose, scaling peeling blistering chipping cracking flaking chalking powdering paint;

- dust, dirt, sand, soot, grease, oil, tar, wax, soap film or petroleum-base residue;

- lye, lime, chlorine, salt, calcimine, efflorescence or any other chemically reactive substance;

- mould, fungus, mildew or any other growing organism of any kind.

### Application

Prosports Acrylic Binder is applied in one coat using a heavy-duty airless sprayers. The sprayer's tip size should vary between 27-32. Before applying any coating the binder must be thoroughly stirred. It is recommended to apply the acrylic sports coating paint to the surface before the binder coat 'goes off', and is usually carried out immediately after the binder has been applied.

### Base

Proports Binder should not be applied until the surface has hardened / cured properly. During the summer, it should take approximately three weeks, or up to three months in the winter.

### Coverage

The recommended coverage for the Acrylic binder is approximately 60 litres per tennis court (500 – 600m<sup>2</sup>). For badly fretting surfaces, additional product can be applied, but care must be taken not to over apply and seal the surface.

### Overcoating

Due to its high gloss nature, Prosports Acrylic Binder is not a finished surface and must always be over coated with a paint from the Prosports coatings range. To ensure a satisfactory chemical bond is achieved, over coating must only be undertaken whilst Prosports Binder remains tacky. If the binder is allowed to cure to a hard lacquer a further application must be undertaken.





### **Drying Time**

Dries to touch in thirty to sixty minutes under optimum drying conditions. Humidity, surface temperature and ambient temperature will affect the drying process. The surface should be left a minimum of Twenty-four hours before use.

### **Limitations & Precautions**

Prosports Acrylic Binder should not be applied when temperature is below 5°C (41°F) or is unlikely to remain above 5°C (41°F) in the next 5 hours. The surface should be thoroughly dry before it is coated & there is no possibility of inclement weather, such as rain or heavy dew, & the relative humidity does not exceed 90%. Protect from frost. Do not store in direct sunlight.

### **Clean Up**

Clean Tools & equipment with water immediately after use. In the case of the product spilling or tipping over it is recommended that it be cleaned immediately with water, as when it dries it will be very difficult to remove.

### **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. 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.

### **Safety Information**

#### **First Aid Measures:**

**Skin Contact** – May cause skin irritation, wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical advice is symptoms or irritation persists.

**Eye Contact** – May cause eye irritation, rinse immediately for 15 minutes. Seek medical advice is symptoms or irritation persists.

**Inhalation** – May cause respiratory system irritation, moved exposed person to fresh air. Seek medical advice is symptoms or irritation persists.

**Protection** – Wear protective clothing including protective gloves and safety goggles. Avoid contact with skin and eyes.

**Storage and Handling** – Store in a dry, cool, well ventilated place and avoid freezing. Adopt best manual handling procedures when transporting, handling, carrying and dispensing. Prosports binder has a shelf life of approximately 6 months in original, unopened packaging.

**Disposal** – Dispose of in accordance with local and national regulations