



birch sports surfaces limited

tel: 01858 419900 mobile: 07899 986478 e-mail: info@birchsports.co.uk
7 Launde Park, Market Harborough, Leicestershire, LE16 8BH

TECHNICAL DATA SHEET – Superten® Ready to Use Acrylic Tennis Court Paint

Description & Usage – Acrylic spray applied coating for porous surfaces. Formulated to create slip-resistant surfaces when applied on porous macadam tennis courts, netball courts & other recreational areas. With a high ratio of acrylic binder, it will help to protect any firm surface, whilst making improving the appearance at the same time. It dries quickly, providing a flexible form, and ensuring higher durability and a longer lasting surface.

Health and Safety – Whilst Superten Sports Paint has minimal risks and environmental impacts when used correctly, there are some precautions that need to be observed for correct and appropriate usage. Please refer to the current Safety Data sheet before use.

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.

Aged or fretting courts should be treated with Superten Court Binder prior to application of coloured surface.

New macadam should be allowed to cure/oxidise before paint application. This would normally take 2-3 weeks in summer months, but can take several months during the winter period

Application – Our Acrylic Sports Coatings are applied in two separate applications by the use of heavy-duty airless sprayers. The sprayer's tip size should vary between 27-32 thou. Before applying any coating the paint must be thoroughly stirred to ensure an even texture for optimum aesthetics and performance.

The first application should be coated in lines with the airless sprayer at an angle. It is important to make sure that the coating is sprayed in the same direction from end to end, while leaving a minimum overlaps between the lines. The next application must be sprayed when the surface is dry, from the opposite direction. This method ensures that the surface does not lose its porosity.

Base – Our Acrylic Sports Coatings should not be applied until the surface has hardened properly. During the summer it should take approximately three weeks & could take up to three months in the winter.

Coverage - Coverage is dependent on such factors as silica gradation, surface porosity, climatic conditions, & the technique & expertise of applicator. Product coverage rate is between 6-8 m²/litre, per coat. Two coats are required.

Drying Time - 2 hours under optimum drying conditions. Humidity, surface temperature & ambient temperature will affect drying process

Limitations & Precautions - Our Acrylic Sports Coating should not be applied when temperature is below 8°C (41°F) or is unlikely to remain above 5°C (41°F) in the next 24 hours. The surface should be dry before it is coated & there should be no possibility of inclement weather, such as rain or heavy dew. The relative humidity should not exceed 90%. Protect from frost. Do not store in direct sunlight. Our Acrylic Sports Coating should be allowed to cure for at least 72 hours before courts are opened for use.

Thinning – Superten Sports Paint can be thinned with cool clean water at a rate of 1 litre/ per 20 litre bucket

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 in accordance with Safety Data Sheet

Availability – Stock colours are Light Green, Evergreen, Dark Green, Red, Light Blue, Dark Blue, Storm Grey & Tan. Other colours are available on request.

Supplied in 20 litres plastic pails with tamper-evident seals.

Shelf life is approx 12 months in original, unopened containers

Limitations & Precautions - 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. Over spraying can seal a surface & give rise to porosity problems.

Acrylic Binder does not contain any aggregate that gives the surface slip resistance. Therefore, it is important not to apply the Acrylic Binder without following up this the application of Superten Sports Paint

Slip Resistance – Our Acrylic Sports Coating contains an aggregate to give slip resistance characteristics to the coated surface. The application of the paint will help reduce slipping and accidents under wet, damp and dry conditions.

The products meets with the requirements of LTA guidelines for slip resistance.

Court Maintenance – Future maintenance is of vital importance if the surface is to remain in good playing condition. If the maintenance is not done on a regular basis, the dirt left on the court will rapidly rot down & settle into the gaps between the stones, impairing the drainage and providing a growing medium for algae & moss.

- Leaves, trees flowers, pine needles, fluff from tennis balls & other detritus should not be left on the surface for any length of time. Sweeping can remove the bulk of these, however use of a blower or vacuum is preferred as sweeping has a tendency to push small material into the surface.

– Overhanging branches should be cut back if possible, as dirt tend to fall on the court, which can cause the surface to become very slippery

It is also recommended that the surface has a professional pressure wash once a year. The use of specialist cleaning equipment is recommended, where the volume of water rather than the pressure applied is responsible for the cleaning of the playing surface and pores within the macadam.

Regular application of a moss killer will inhibit the re-growth of mosses and algae, particularly on courts which are shaded, have overhanging vegetation, or are not subject to heavy use.