



## **birch sports surfaces limited**

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### **TECHNICAL DATA SHEET – SUPERTEN® Water based Acrylic Line Paint**

**Description & Usage** - Water Based Line paint that is a non-glaring, non-fading, 100% acrylic formation designed for use on all recreational areas. When used with our Acrylic Sports Coating, complete compatibility is achieved; peeling, crazing and cracking will not occur, providing you with a clean sharp line. Our Superten Acrylic Line Paint is available in brush-application and spray-application grades

**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 relevant Safety Data Sheet before use.

**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.

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 Sports Line Paint is provided in Ready-to-use form and is easily applied by brush, roller or airless spray marking equipment. Please ensure that you have the correct grade for your application method. Before applying any coating the paint must be thoroughly stirred to ensure an even texture for optimum aesthetics and performance.

**Coverage** – A regulation tennis court with approximately 135 linear metres of 50mm wide lines, will require approximately 5-10 litres of line paint. Coverage is dependant on such factors as silica gradation, surface porosity, climatic conditions and the technique of the applicator.

**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** – Our Sports Acrylic Line Paint 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 thoroughly dry before it is coated & there should be 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 in accordance with Safety Data Sheet

**Availability** – Stock colours are white, yellow, red and blue, although other colours are available on request. Our Sports Line Brush- Application Paint comes in 5 litre plastic buckets. Spray-application formulation is supplied in 20 litres buckets.

**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.