



## birch sports surfaces limited

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### **TECHNICAL DATA SHEET – SUPERTEN® Water based Acrylic Binder**

#### **Product Specifications**

**Description & Usage** – 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.

**Health and Safety** – Whilst Birch Sports Acrylic Binder 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.

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 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** – Acrylic Binder is applied in one coat using a heavy-duty airless sprayer. 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 ‘cures’, and is usually carried out immediately after the binder has been applied.

**Base** – Acrylic Binder should not be applied until the tarmac surface has hardened and cured properly. During the summer it should take approximately three weeks & could take up to three months in the winter.

**Coverage** – The recommended coverage for the Acrylic binder is approximately 60-80 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.

**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 24 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.

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 Acrylic Sports Coating or Porous Acrylic.

- Protect from frost.
- In case of contact with eyes wash immediately with plenty of water
- Keep out of reach of children
- Remove splashes from skin with soap and water or a recognised hand cleaner
- Do not apply if there is a risk of heavy rain or frost.
- Do not use near sensitive environmental areas, eg ponds, rivers, protected sites

**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