

# TECHNICAL DATA SHEET



## Sports-Cote Court Binder Acrylic

Water Based Acrylic Binder

### Description

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**Sports-Cote Court Binder Acrylic** is a single-pack water based acrylic lacquer designed for application to porous macadam-based sports surfaces.

Without affecting porosity, **Sports-Cote Court Binder Acrylic** penetrates the substrate and cures to form a strong yet flexible film within the interstitial spaces of the macadam.

Sports-Cote Court Binder Acrylic's water-based nature means that the material has an innocuous odour, is hazard-free to apply and does not contribute to bitumen-bleed. The material also contains agents to prevent algal and fungal attack.

### Advantages

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- Easy and low cost to install
- Consolidates and reinforces fretting courts
- Single-pack - no mixing
- Low odour and non-stain
- Will not become brittle with age

### Uses

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When fretting is evident, **Sports-Cote Court Binder Acrylic** is applied to older macadam surfaces to consolidate and reinforce prior to the application of Sports Coatings' paints.

**Sports-Cote Court Binder Acrylic** 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.

### Shelf Life and Storage

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6 months in unopened containers stored under good conditions.  
Store between 5 °C and 30 °C. Protect from frost.

## Packaging

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20 litre pails.

## Coverage

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6-8 m<sup>2</sup> per litre per coat on non-porous surfaces

## Further Information

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To ensure you are specifying or applying a fit for purpose coating please contact our Technical Services Department.

## Application

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### Preparatory Work

New macadam must be allowed to oxidise before treatment with **Sports-Cote Court Binder Acrylic** and its surface should be grey and matt rather than black and glossy. The time it takes for oxidation to occur will vary depending on the nature of the surface and the climatic conditions. However, this will normally take between two and three weeks in the summer and may take up to three months in the winter. All loose grit and other debris must be removed by vacuuming, blowing or sweeping prior to the application of **Sports-Cote Court Binder Acrylic**. Moss should be removed with a proprietary chemical agent and the surface cleaned by high pressure water jet.

### Application

Most heavy-duty airless spray units are suitable for spraying **Sports-Cote Court Binder Acrylic** (please consult our Technical Service Department for further guidance). Tip sizes in the range 30-36 thou are recommended.

Application techniques do vary. However, using a hand held spray gun or lance Sports-Cote Court Binder Acrylic should be sprayed in a systematic manner, usually in strips and with suitable overlap to achieve uniform coverage.

### Thinning

Since **Sports-Cote Court Binder Acrylic** is supplied as a low viscosity, ready-for-use material no thinning is necessary.

### Application Conditions

**Sports-Cote Court Binder Acrylic** should only be applied in fine, dry weather and when substrate temperature is higher than 10 °C and likely to remain so for 4-5 hours after application. Substrate temperatures above 30 °C should also be avoided.

### Drying Time

Approximately 1 hour at 20 °C.

## Health and Safety

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**Sports-Cote Court Binder Acrylic** is a water-based lacquer, making it relatively safe to use and minimising the risk of environmental impact from its usage. For more detailed information please refer to Sports Cote Court Binder Acrylic's current Material Safety Data Sheet.