



## Court Binder

Water-based Acrylic

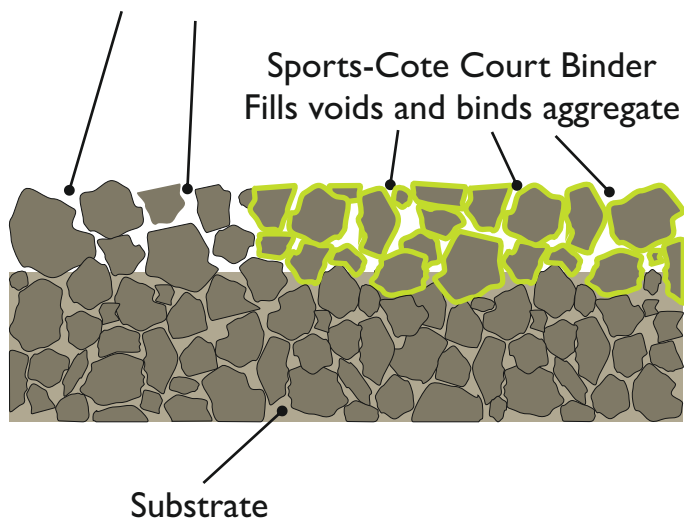
# DATA SHEET



## Court Design

### Sports-Cote Court Binder Water-based Acrylic

Gaps between aggregate  
caused by ageing



## Description

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

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

**Sports-Cote Court Binder'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.

## Uses

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

**Sports-Cote Court Binder** 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.

## Model Specification

Product: **Sports-Cote Court Binder**

- Number of coats: One
- Substrate: Supplier's Instructions
- Preparatory work: Supplier's Instructions
- Application: Supplier's Instructions
- Supplier: Sports Coatings Limited
- Contact: Technical Service Department  
01440 766366

## Substrate and Preparatory Work

New macadam must be allowed to oxidise before treatment with **Sports-Cote Court Binder** 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**. Moss should be removed with a proprietary chemical agent and the surface cleaned by high pressure water jet.



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### Application

Most heavy-duty airless spray units are suitable for spraying **Sports-Cote Court Binder** (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** should be sprayed in a systematic manner, usually in strips and with suitable overlap to achieve uniform coverage.

### Thinning

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

### Application Conditions

**Sports-Cote Court Binder** 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.

**Note: drying time is dependent on ambient temperature and relative humidity levels. If applied in cool, damp air and when substrate temperature approaches 10°C, drying times can exceed 24 hours.**

### Over Coating

**Sports-Cote Court Binder** must be over coated with one of the paints from the Sports Coatings range. Furthermore, this should be undertaken within one week of the binder being applied.

### Packaging

20 litre pails.

### Coverage

New macadam: 6m<sup>2</sup>/litre

Old macadam: up to 3m<sup>2</sup>/litre

### Shelf Life

**Sports-Cote Court Binder** has a shelf life of approximately 6 months in original, unopened packaging.

### Storage

Store above 5°C in an environment safe from frost.

### Health and Safety

**Sports-Cote Court Binder** 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's** current Material Safety Data Sheet.

### Further Information

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

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