

TECHNICAL DATA SHEET



Sports-Cote Court Binder PU

Solvent Based Polyurethane Binder

Description

Sports-Cote Court Binder PU is a single-pack moisture curing polyurethane designed for application to porous macadam-based sports surfaces.

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

Advantages

- 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

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

Sports-Cote Court Binder PU 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

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

Packaging

25 litre pails.

Coverage

6-8 m² per litre per coat on non-porous surfaces.

Further Information

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

Application

Preparatory Work

New macadam must be allowed to oxidise before treatment with **Sports-Cote Court Binder PU** 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 PU**. 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 PU** (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 PU** should be sprayed in a systematic manner, usually in strips and with suitable overlap to achieve uniform coverage.

Thinning

Sports-Cote Court Binder PU can be thinned with Sports-Cote Polythinners up to a maximum of 10% by volume (for further information please refer to the Sports-Cote Polythinners Technical Data Sheet).

Application Conditions

Sports-Cote Court Binder PU should only be applied in fine, dry weather and when substrate temperature is higher than 5 °C and likely to remain so for 6-7 hours after application. Substrate temperatures above 30 °C should also be avoided.

Health and Safety

Sports-Cote Court Binder PU is a solvent-based lacquer and has attendant health and safety implications. For more detailed information, please refer to Sports Cote Court Binder PU's current Material Safety Data Sheet.