

# TECHNICAL DATA SHEET



## Sports-Cote **Excel**

High Durability Porous Macadam  
Surface Paint

### Description

---

**Sports-Cote Excel** is a single pack water based surface coating designed for application to porous macadam tennis and netball courts subject to higher than normal activity.

**Sports-Cote Excel** is formulated using advanced polyurethane and acrylic resin technology providing an environmentally safe, durable and aesthetic coating.

**Sports-Cote Excel** meets and exceeds the necessary player/surface interaction characteristics to meet current SAPCA standards.

### Advantages

---

- Water based technology - Safe to use
- Durable - Long expected lifespan
- Slip resistant in both wet and dry conditions - Meets the required SAPCA standards for porous macadam court
- Algae and fungi resistant - Prevents the growth of contaminants that can damage the court
- Easy to spray - Modified to reduce spray drift for increased control
- High pigment concentration - Bright, intense colours with excellent coverage

### Uses

---

**Sports-Cote Excel** is designed as a surface coating for porous macadam tennis and netball courts.

**Sports-Cote Excel** will define the play area, enhance the appearance of the court and impart durability and slip resistance to comply with SAPCA's Code Of Practice for the Painting of Porous Macadam Tennis and Netball Courts ([www.sapca.org.uk](http://www.sapca.org.uk)). For compliance with the respective slip resistance criterion for tennis and netball courts,

**Sports-Cote Excel** is supplied in extra texture and full texture finishes.

## Shelf Life and Storage

---

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

## Aftercare and Maintenance

---

Detailed guidance on the maintenance of painted courts may be found in SAPCA's Code of Practice for the Maintenance of Synthetic Sports Surfaces ([www.sapca.org.uk](http://www.sapca.org.uk)).

Courts should be regularly cleaned and moss treated. Ensure that only suitable footwear is used.

## Life Expectancy

---

If the court is used in accordance with its intended purpose **Sports-Cote Excel** will give acceptable performance for three to four years. However, certain factors will influence the performance of the coating and may well result in premature wear. Detailed guidance on the factors can be found in SAPCA's Code of Practice for the Maintenance of Synthetic Sports Surfaces ([www.sapca.org.uk](http://www.sapca.org.uk))

## Packaging

---

20 litre pails.

## Coverage

---

6-8 m<sup>2</sup> per litre per coat.

Note that coverage will vary depending on the substrate porosity, application technique and temperature.

## Technical Performance

---

Touch dry time	2-4 hours at 20 °C.
Full cure	approximately 72 hours at 20 °C.
Abrasion resistance	2.53 % weight loss.
Slip resistance value	>75 in both wet and dry

## Further Information

---

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

## Application

---

### Substrate and Preparatory Work

New macadam must be allowed to fully oxidise before coating and its surface should be grey and matt rather than black and glossy, typically 2-3 weeks in summer and up to 3 months in the winter. To minimise the softening effect of macadam in high temperatures new macadam should be treated with **Sports-Cote Court Binder** prior to the application of **Sports-Cote Excel**. All surface dust, debris or contaminants must be removed by

vacuuming, blowing or sweeping prior to the application of **Sports-Cote Excel**. Moss should be removed with a proprietary chemical agent and the court cleaned by high pressure water jet. Aged or fretting courts should be treated with **Sports-Cote Court Binder**. Previously coated substrates should be assessed for compatibility prior to application of **Sports-Cote Excel**. Substrates must be dry, clean and sound prior to the application of **Sports-Cote Excel**.

### **Application**

Most heavy-duty airless spray units are suitable for spraying **Sports-Cote Excel**. Tip sizes will usually be in the 30-36 thou range. Using a hand held spray gun or lance spray **Sports-Cote Excel** in a systematic manner with suitable overlap to achieve uniform coverage. Once the first coat is touch dry, the second coat can be applied at a 90° angle to this.

### **Thinning**

**Sports-Cote Excel** can be thinned with cool, clean water up to a maximum of 10% by volume. Note that accurate metering is essential to ensure a uniform finish.

### **Application Conditions**

Tennis court painting should only be undertaken in fine, dry weather and when substrate temperature is higher than 5 °C and likely to remain so for 6-7 hours after this. Substrate temperatures higher than 30 °C should also be avoided. In higher temperatures the substrate can be cooled with water and allowed to dry before painting. Situations where frost or heavy rain may occur within 24 hours of painting must be avoided.

## **Health and Safety**

---

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

## **Special recommendations**

---

- Cut back overhanging branches around your court; this will keep your area safe from bird's droppings
- Apply appropriate worm-killer subsoil beneath the courts
- Avoid using salt or other de-icing chemicals in winter and use a soft sweeping broom or wooden scraper instead.
- Keep courts clean and in good condition by regularly cleaning and using a suitable moss treatment
- Ensure that only correct footwear is used on the court