

TECHNICAL DATA SHEET



Sports-Line Acrylic

Economical Acrylic Line Marking

Description

Sports-Line Acrylic is a single pack water based line paint designed for application on porous macadam tennis and netball courts, along with coated tennis and netball courts.

Sports-Line Acrylic is formulated using advanced acrylic resin technology providing an environmentally safe, durable and aesthetic coating.

Sports-Line Acrylic is UV stable and has excellent colour retention properties throughout its service life.

Sports-Line Acrylic meets and exceeds the necessary player/surface interaction characteristics to meet current SAPCA standards.

Advantages

- Hard wearing and durable
- Slip resistant in both wet and dry conditions
- Algae and fungi resistant
- High pigment concentration

Uses

Sports-Line Acrylic is used to apply line marking on porous macadam tennis courts and courts coated with **Sports-Cote Premium** or **Sports-Cote Excel**.

Sports-Line Acrylic is highly durable and will impart durability and slip resistance to comply with SAPCA'S Code of Practice for the Painting of Porous Macadam Tennis and Netball Courts. For compliance with the respective slip resistance criteria for tennis and netball courts **Sports-Line Acrylic** 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).

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-Line Acrylic** 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).

Packaging

5 litre pails.

Coverage

A line width of 50 mm will result in a coverage of 25-50 linear metres/ kg.

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.
Slip resistance value:	
wet	>60 (extra texture)
dry	>75 (full texture)

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 oxidise before coating 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 Line Acrylic**. Previously coated surfaces should be assessed for compatibility prior to application of **Sports-Line Acrylic**. In

situations where **Sports-Line Acrylic** is used to line mark either **Sports-Line Acrylic** ensure that their second coats are touch dry before undertaking this.

Application

Most light duty airless spray units are suitable for spraying **Sports-Line Acrylic**. Tip sizes will usually be in the 30-36 thou range. **Sports-Line Acrylic** can also be applied by brush or medium pile roller.

Thinning

Sports-Line Acrylic 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

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-Line Acrylic is a water based paint, making it relatively safe to use with minimal environmental risk. For more detailed information please refer to the current **Sports-Line Acrylic** 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