

TECHNICAL DATA SHEET



Sports-Line PU

Premium Polyurethane Line Paint

Description

Sports-Line PU is a single pack water based line paint designed for application to polymeric, wood, PVC and rubber substrates.

Sports-Line PU is formulated using advanced water-based polyurethane resin technology providing an environmentally safe, durable and aesthetic coating.

Sports-Line PU incorporates a unique blend of polymers and tack promoters to ensure high adhesion and longevity.

Advantages

- Hard wearing and durable
- Excellent bond strength
- High pigment concentration

Uses

Sports-Line PU is used to apply line marking to polymeric, PVC, wood, and rubber substrates.

Sports-Line PU is highly durable and will impart durability and slip resistance to comply with the International Tennis Federation (ITF) and the All England Netball Association (AENA) current standards. **Sports-Line PU** is supplied in extra texture and full texture finishes, along with a smooth grade for wood, PVC and rubber substrates.

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 PU** 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

In the case of "polymeric" substrates any loosely adhered debris must be removed by vacuuming, blowing or sweeping prior to the application of Sports-Line Polyurethane. Abrade any surfaces or existing surfaces before application. Any firmly adhered contamination should be removed by low pressure power washing. Wood, PVC and rubber substrates must be clean and thoroughly dry prior to application of Sports-Line Polyurethane

Application

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

Thinning

Sports-Line PU 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 PU is a solvent-based lacquer and has attendant health and safety implications. For more detailed information, please refer to Sports-Line PU'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