

TECHNICAL DATA SHEET



Sports-Cote Moisture Cure

Polymeric Surface Coating

Description

Sports-Cote Moisture Cure is a single pack polyurethane surface coating designed for application to polymeric sport and play surfaces. **Sports-Cote Moisture Cure** is formulated using advanced polyurethane and acrylic resin technology providing an environmentally safe, durable and aesthetic coating. **Sports-Cote Moisture Cure** is suitable for use on polymeric tennis and netball courts, hockey pitches, five-a-side football pitches and multi-use games areas (MUGA's).

Sports-Cote Moisture Cure is UV stable and has excellent colour retention properties throughout its service life.

Sports-Cote Moisture Cure 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
- Easy to spray
- High pigment concentration

Uses

Sports-Cote Moisture Cure is designed as a surface coating for polymeric tennis and netball courts, hockey pitches, multi-use games areas (MUGA'S) and other polymeric surfaces.

Sports-Cote Moisture Cure will define the play area, enhance the appearance of the court and impart durability and slip resistance to comply with the International Tennis Federation (ITF) and the All England Netball Association (AENA) current standards.

Shelf Life and Storage

9 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-Cote Moisture Cure** 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

25 litre pails.

Coverage

3-4 m²/ litre/ 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 48 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

All loosely adhered debris must be removed by vacuuming, blowing or sweeping prior to the application of Sports-Cote Moisture Cure. Moss should be removed with a proprietary

chemical agent and the surface cleaned by high pressure water jet. Substrates must be dry, clean and sound prior to the application of **Sports-Cote Moisture Cure**.

Application

Most heavy-duty airless spray units are suitable for spraying **Sports-Cote Moisture Cure**. Tip sizes will usually be in the 30-36 thou for extra texture and 40-42 thou range for full texture. Using a hand held spray gun or lance spray **Sports-Cote Moisture Cure** in a systematic manner with suitable overlap to achieve uniform coverage. Once the first coat is dry, the second coat can be applied at a 90° angle to this.

Thinning

Sports-Cote Moisture Cure can be thinned with Sports-Cote Polythinners 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-Cote Moisture Cure is a solvent-based lacquer and has attendant health and safety implications. For more detailed information, please refer to Sports-Cote Moisture Cure'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