



ACRYLMERIC® SPORTSCOTE PFR

ACRYLMERIC® Sportscote PFR is a water-based, heavy duty, trafficable (**P5 rated non-slip**), abrasion resistant membrane coating for interior and exterior use. It utilises recent advances in polyolefin fibre reinforcement (PFR) to achieve high toughness, integrity and durability and waterproofing. The in-film anti-mould ingredients provide long lasting resistance from mould and fungus attack.

It is easy to apply and is a single pack product supplied ready for use from the container.

AREAS OF USE

High durability waterproof coating, designed especially for areas subject to sports activities, pedestrian and light vehicular traffic. Typical areas include existing concrete sports surfaces (including Tennis courts), rooftops of high-rise buildings, decks and balconies, and above and below ground car parks.

PREPARATION

UNPAINTED OLD CEMENT

Ensure that all surfaces to be painted are sound and free from dust, oil, grease or other contamination. Use a stiff bristle brush or broom to scrub the surfaces then flush with fresh water. Follow this with a high-pressure water wash to ensure that the surface is thoroughly clean.

ACID ETCHING

Unpainted old cement surfaces should be acid etched using the following directions:

- a. All personnel participating in acid etching must wear protective clothing, including rubber gloves, boots and goggles. The etching solution should ALWAYS be mixed in a plastic bucket. Use commercial hydrochloric or muriatic acid.

NEVER ADD WATER TO ACID; always add acid to water.

ACID CONCENTRATION	WATER	ACID
FOR UNPAINTED CEMENT	2 Parts	1 Part

- b. Using a plastic watering can, apply the etching solution to the surface, a manageable area (say 5–6 m²) at a time. As soon as the bubbling reaction stops (approximately 5 minutes), flush the area with fresh water. NEVER ALLOW THE ACID RESIDUE TO DRY ON THE SURFACE. Acid residue can cause paint failure. Proceed to the next section to be treated with the acid-etching solution. It is important to concentrate on a workable section at any one time. This will ensure that no acid residue remains on the surface.



- c. After the surface has been etched, and ideally whilst still wet, the surface should be neutralised with a solution of sodium bicarbonate (bicarbonate of soda/pool buffer) and water (1 kg sodium bicarbonate mixed into 10 L of warm water). Thoroughly flush the surface with the neutralising solution and then rinse liberally with fresh water. Again, it is important to concentrate on a workable section at any one time. This will ensure that no sodium bicarbonate residue remains on the surface.
- d. High pressure wash the entire surface to remove all traces of acid, bicarbonate and/or other contaminants.
- e. Allow the surface to dry prior to any further surface preparation. Sweep or vacuum up any loose residues.

PREVIOUSLY PAINTED CEMENT

1. If the surface has been previously painted with a water-based coating and it is in sound condition, then there is no need to apply primer. **ACRYLMERIC® SPORTSCOTE PFR** can be directly applied after cleaning the surface as set out below. If unsure of the existing paint on the surface and/or how to prepare, then please contact Colormaker Industries.
2. Ensure that all surfaces are free from dust, oil, grease or other contamination. Use a stiff bristle brush or broom to scrub the surfaces, then flush with fresh water. Follow this with a high-pressure water wash to ensure that the surface is thoroughly clean.

PRECAUTIONS

NOTE: Obtain a 7-day weather forecast.

Do NOT apply **ACRYLMERIC® Sportscote PFR:**

- I. If the surface or ambient temperature is above 35 °C or likely to be so during the drying period (at an air temperature of 35 °C, it would not be unusual to have a surface temperature of >50 °C)
- II. If the ambient temperature is below 15 °C
- III. If the surface temperature is below 12 °C
- IV. If minimum temperatures are forecast to be below 12 °C within 7 days of application, or
- V. In damp or rainy conditions, or when rain is forecast within 7 days of application
- VI. Avoid painting in direct sunlight on hot days
- VII. Do not apply in areas where extended ponding is likely to occur

All personnel participating in application must use appropriate personal protective equipment (PPE) to prevent contact with skin, eyes and breathing of vapours. A sun hat and sunscreen are also recommended if applying outdoors.



MASKING

Mask along the perimeter of the area(s) to be coated. Take off the masking tape whilst paint is still wet.

PRIMER FOR OLD CEMENT SURFACES

Prior to applying **ACRYLMERIC® SPORTSCOTE PFR**, unpainted old cement surfaces will require priming. Solvent-based and water-based options are set out below:

- a. **SOLVENT-BASED:** To a thoroughly dry surface*, apply **ACRYLMERIC® Superseal Primer** at 8–10 m²/L, using a 22 mm nap roller. Allow to dry for a minimum of 4 hours, preferably overnight in cooler or winter conditions.

Clean equipment whilst still wet using **LUXAPOOL® Solvent X**.

Refer to the **ACRYLMERIC® Superseal Primer** Application Guide for additional instructions.

For best results, use a moisture meter to test surface moisture levels prior to application. Moisture content should be less than 5%. High moisture content can cause failure of the primer. In the absence of a moisture meter, approximate surface moisture can be determined by taping a 300 x 300 mm patch of clear plastic sheet to an area of the surface in the morning one day prior to painting. Remove the plastic around mid-afternoon and observe the underside. Condensation on the plastic indicates that the moisture content is too high. In these instances, either repeat until a dry test results, or prime with water-based **ACRYLMERIC® WB Epoxy Primer Membrane, which is moisture tolerant (see the following).*

- b. **WATER-BASED:** If a water-based option is preferred, or if the substrate is damp, then apply **ACRYLMERIC® WB Epoxy Primer Membrane**. If the surface is dry, spray lightly with water and allow to drain. To apply as a priming coat, mix Part A and Part B in equal volume, then dilute this mixture with water 20% by volume. Apply the diluted mixture at 5 m²/L, using a 10 mm nap roller. Allow overnight to dry at 25 °C and 50% RH, preferably longer in cooler or winter conditions.

If extra waterproofing is required, then apply a second coat of **ACRYLMERIC® WB Epoxy Primer Membrane** undiluted at 3 m²/L, using a 10 mm nap roller.

For rough or textured surfaces use a 22 mm nap roller.

Clean all equipment whilst still wet using water.

Refer to the **ACRYLMERIC® WB Epoxy Primer Membrane** Application Guide for Old Cement for additional instructions.

NOTE: ACRYLMERIC® WB Epoxy Primer Membrane must be recoated or overcoated within 48 hours of application.



COLOUR COATS

Unless familiar with **ACRYLMERIC® Sportscote PFR**, it is recommended that a small test area be applied first, before proceeding to application over the complete area.

1. Apply a base coat of **ACRYLMERIC® Sportscote PFR** at a spreading rate of approximately 5 m²/L using a squeegee or trowel. The function of the base coat is to fill any imperfections of the surface, as opposed to leaving an even film thickness on the top of both the hills and valleys of the profile.
Clean all equipment immediately after use with water.

2. Allow to dry for minimum 8 hours at 25 °C and 50% RH, or preferably overnight. Allow longer drying time in cooler and more humid conditions.

Drying temperature:	15 °C	25 °C	35 °C
Minimum recoat time:	12 hrs	8 hrs	6 hrs
Maximum recoat time*:	Open ended	Open ended	Open ended

*Best within 48 hours to minimise impact of airborne and other contaminants

3. To achieve a **P5 rated** non-slip surface, it is recommended that build coats be applied with a 10 mm nap roller. Apply the first build coat of **ACRYLMERIC® Sportscote PFR** at a spreading rate of approximately 5 m²/L using a 10 mm nap roller.
Clean all equipment immediately after use with water.

Refer to Colormaker Industries for application details to achieve a more aggressive surface texture for commercial or industrial areas.

4. For more durable coating, step 3 may be repeated.
5. Allow coated surfaces to dry for a minimum of 24 hours at 25 °C and 50% RH before opening areas to soft sole foot traffic.
6. Allow 14 days under good drying conditions (at 25 °C and 50% RH) to cure before placing outdoor furniture on the coated surface. Allow longer drying time in cooler and more humid conditions. Exercise caution.

CLEAN UP

Clean all equipment with water immediately after use and whilst still wet.



MAINTENANCE

Surfaces coated in accordance with the above directions offer long-term use under typical domestic conditions. Follow basic cleaning guidelines to maximise the service life of the coating. Clean all spills as soon as they occur. Surfaces should be cleaned with a fine jet garden hose or soft bristle broom using mild detergent solution, then rinsed with fresh water.

With appropriate care, you'll be able to enjoy the long term decorative and functional benefits of your **ACRYLMERIC® Sportscoate PFR** surface for years to come.

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