



Method Statement

Ref. #: DCP00/05-0149-C-2023



Griptop Sports Acrylic

(Water based acrylic sport courts coating)



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Section A: General Comments

General Notes:

The information below is a detailed overview of the application of DCP's **Griptop Sports Acrylic** sports flooring system and should be read in conjunction with the relevant technical data sheet prior to application. All DCP Products should be applied by experienced specialist contractors.

All the points below assume the correct preparation of the relevant surface.

High-Temperature Working:

Application temperature ranges from 5°C to 40°C. The substrate's temperature must be at least 3°C above measured dew point temperatures if any.

It is suggested that, for temperatures above 40°C, the following guidelines are adopted as good working practice:

- i. Materials and equipment should be stored in a cool shaded area and away from direct sunlight.
- ii. Avoid application during peak temperatures of the day.
- iii. Plan for enough materials, tools, and labor to ensure a continuous applicant process.
- iv. Ensure proper and adequate ventilation.

Low-Temperature Working:

It is suggested that, for temperatures below 10°C, the following guidelines are adopted as good working practice:

- i. Unmixed materials should be stored in a warm.
- ii. Avoid applying the waterproofing membrane if the temperature is around 5°C and falling.
- iii. Do not apply under rain or snow, and avoid dew points conditions during application.

Tools and Equipment:

It is suggested that the following list of equipment are adopted as a minimum requirement

Personal protection

- : Protective overalls
- : Goggles or a face mask
- : Good quality gloves
- : Safety shoes
- : Safety helmet



Preparation equipment

- : Stiff wire brush (Fig.1)
- : Soft brush (Fig.2)
- : Air compressor with hose (Fig.3)

Application equipment

- : Brush (Fig.4)
- : Roller (Fig.5)
- : Airless spray (Fig.6)



Fig.1: Stiff wire brush



Fig.2: Soft brush



Fig.3: Air compressor with hose



Fig.4: Brush



Fig.5: Roller



Fig.6: Airless spray machine



Fig.7: Masking Tape

Section B : Application

1.0 Substrate Preparation

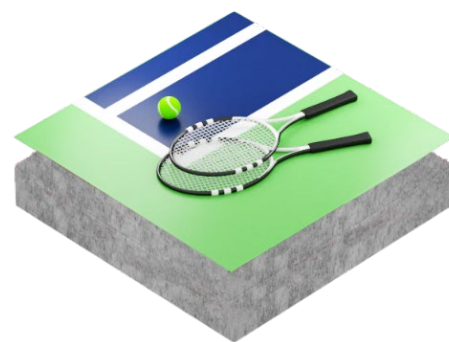
1.1 Asphalt Substrates

- 1.1.1 New asphalt must be allowed to cure and oxidise until its black and glossy surface turns grey and matt before applying the coating.
- 1.1.2 The time it takes for oxidation will vary depending on the nature of the surface and the ambient temperatures and humidity.
- 1.1.3 Generally, it will take up to 3 weeks in summer and may take up to three months in winter.
- 1.1.4 The substrate should be clean, sound, smooth, and free from contamination such as mortar and paint splashes, curing compounds, oil, and grease.
- 1.1.5 The surface must be clean, dry, and free from dust, oil grease, and any contaminations that could affect the adhesion.
- 1.1.6 All loose grit and other debris must be removed by vacuuming, blowing, or sweeping prior to the application of **Griptop Sports Acrylic**.
- 1.1.7 All preparation equipment should be of a type approved by DCP.



1.2 Concrete Substrates

- 1.2.1 Ensure the substrate surface is dry with no standing water, smooth, and any surface imperfections are repaired with a suitable cementitious repair mortar.
- 1.2.2 Spalled surfaces, cracks, and defected concrete should be repaired. Consult the DCP's Technical Department for specific recommendations.



Repair of surface imperfections using cementitious repair mortar

- 1.2.3 New concrete substrate should be at least 28 days old.
- 1.2.4 Where these methods are considered impracticable, alternative methods may be considered but a clean, sound, and dry substrate must still result. In particular, it is essential that the substrate does not suffer from conditions of rising damp.
- 1.2.5 Any alternative preparations must be approved by DCP prior to the commencement of work, as the final performance of the system relies upon the performance of sound and level substrates.

*Note: For old asphalt or concrete substrates, use **Griptop Sports Resurfacer** to fill and smooth the surface prior to the application of Sports Coatings surfacing systems. Once applied it reduces the porosity of the substrate, allowing subsequent Sport Coatings surfacing systems to have an even finish with full depth of colour. For more information, refer to the Technical Datasheet of **Griptop Sports Resurfacer**.*

2.0 Application

- 2.1 Stir the material in the bucket well before use.
- 2.2 **Griptop Sports Acrylic** can be applied using a brush, roller, or airless spray machine
- 2.3 For spray application, the nozzle should be suitable for a coating that has a maximum particle size of 100 micron.
- 2.4 The first coat of **Griptop Sports Acrylic** should be applied at the rate of 6 - 8 m²/litre to achieve 50 – 70 micron dry film thickness per coat.
- 2.5 Allowed first coat to cure for 4 - 6 hours (depending on the ambient temperature) before being overcoated with the second coat.
- 2.6 The second and third coats should be applied perpendicular to the previous coat at the same rate above and allowed to cure.
- 2.7 Line marking can begin after 4 - 6 hours (depending on the ambient temperature), using the same product.



Application of Griptop Sports Acrylic

*Note: Do not apply **Griptop Sports Acrylic** on substrates that have rising damp.*

Consumption of Griptop Sports Acrylic

- First coat: 0.125 - 0.165 ltr/m².
- Second coat: 0.125 - 0.165 ltr/m².
- Third coat: 0.125 - 0.165 ltr/m².
- Total consumption: 0.375 – 0.495 ltr/m² to provide 150 – 195 microns dry film thickness.



3.0 Cleaning and Storage

- 3.1 Tools and equipment can be cleaned from fresh material with a paper towel and wiped using water.
- 3.2 **Griptop Sports Acrylic** has a shelf life of 12 months from the date of manufacture if stored in the original unopened pails at temperatures between 5°C and 35°C.
- 3.3 If these conditions are exceeded, DCP Technical Department should be contacted for advice.

Section C: Cautions

Health and safety

Griptop Sports Acrylic should not come into contact with skin and eyes. In case of contact with eyes immediately flush with plenty of water and seek medical advice promptly. Apply in well-ventilated areas. In closed areas use force-ventilated and carbon-active masks.

Fire:

Griptop Sports Acrylic is nonflammable.

For further information on refer to the Material Safety Data Sheet.

Section D: Approval and Variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Griptop Sports Acrylic**. It remains the responsibility of the Engineer to determine the correct method for any given application. Where alternative methods are to be used, these must be submitted to DCP for approval, in writing, prior to commencement of any work. DCP will not accept responsibility or liability for variations to the above method statement under any other condition.