

Griptop Sports Acrylic

Water based acrylic sport courts coating



DESCRIPTION

Griptop Sports Acrylic is a single component water based, high performance elastomeric acrylic coating specially designed for tennis and netball courts with the necessary player and substrate interaction characteristics.

Griptop Sports Acrylic is suitable for application on asphalt or portland cement concrete courts. Griptop Sports Acrylic is available in variety of colours and ideally suited for internal and external applications.

APPLICATIONS

Griptop Sports Acrylic coating is designed for use in all purpose sports facility, indoor and outdoor sports courts for a wide variety of different activities and sports such as Tennis, Netball, Padel, Badminton, Basketball and Multi-sport courts.

ADVANTAGES

- » Single component, easy to apply.
- » Available in different colours.
- » UV stable and resistant.
- » Elastomeric.
- » Non slip.
- » Environmentally friendly.
- » Easily cleaned.

METHOD OF USE

SURFACE PREPARATION

Asphalt substrates:

New asphalt must be allowed to cure and oxidise until its black and glossy surface turns grey and matt before applying the coating.

The time it takes for oxidation will vary depending on the nature of the surface and the ambient temperatures and humidity. Generally, it will take up to 3 weeks in summer and may take up to three months in winter.

The surface must be clean, dry and free from dust, oil, grease and any contaminations that could affect the adhesion. All loose grit and other debris must be removed by vacuuming, blowing or sweeping prior to the application of Griptop Sports Acrylic.



TECHNICAL PROPERTIES:

| | |
|--|---|
| Colour: | Various |
| Density: | 1.35 ± 0.05 g/cm ³ |
| Solid content: | 57 ± 2% |
| Overcoating time: | 4 - 6 hr |
| Bond strength on concrete: ASTM D4541 | 2.8 MPa @ 7 days (substrate failure) |
| Elongation: ASTM D412 | 100 ± 10% @ 1 mm thickness |
| Flexibility bend test: ASTM D522 (1/4" Mandrel, tested at normal temperature) | Pass |
| Taber abrasion resistance: (1000 g, 100 cycle) ASTM D4060, weight loss CS17 wheel | 50 milligram |
| Slip resistance: | Dry 68 Wet 59 |
| VOC: | < 50 g/ltr |

The above data was developed under controlled laboratory conditions. Properties in the field may vary. Expect some variations from these results, depending on jobsite and test conditions.





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Concrete substrates:

Surfaces to receive Griptop Sports Acrylic should be clean, sound, and free from oil, grease, dirt, debris and loose particles. Substrate should be dry, with no standing water.

Spalled surfaces, cracks and defected concrete should be repaired. New concrete substrate should be at least 28 days old.

APPLICATION

Griptop Sports Acrylic can be applied by brush, roll, or airless spray machine. For spray application, nozzle should be suitable for coating that have a maximum particle size of 100 micron.

The first coat of Griptop Sports Acrylic should be applied at the rate of 6 - 8 m²/litre and allowed to cure for 4 - 6 hours (depending on the ambient temperature) before being overcoated with the second coat.

The second and third coat should be applied perpendicular to the previous coat at the same rate above, and allowed to cure.

Notes:

- » Griptop Sports Acrylic should not be applied at ambient temperatures below 5°C and dropping.
- » Griptop Sports Acrylic should not be applied on surfaces expected to suffer from rising dampness or relative humidity greater than 75%.
- » 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.

CLEANING

All tools should be washed and cleaned immediately after use with clean water.

PACKAGING

Griptop Sports Acrylic is available in 20 litres pail.

COVERAGE

Approximately 6 - 8 m²/ litre per coat to achieve 50 - 70 micron dry film thickness per coat.

STORAGE

Griptop Sports Acrylic has a shelf life of 12 months from date of manufacture if stored at temperatures between 5°C and 35°C.

If these conditions are exceeded, DCP Technical Department should be contacted for advise.

CAUTIONS

HEALTH AND SAFETY

As with all acrylic paints, care should be taken during use and storage to avoid contact with skin, eyes and mouth. Wear suitable protective clothing, gloves and eye/face protection.

Should accidental skin contact occur, remove immediately with plenty of clean water. If swallowed, seek medical attention immediately - do not induce vomiting.

For further information refer to the Material Safety Data Sheet.

FIRE

Griptop Sports Acrylic is nonflammable.

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- » Concrete admixtures.
- » Surface treatments
- » Grouts and anchors.
- » Concrete repair.
- » Flooring systems.
- » Protective coatings.
- » Sealants.
- » Waterproofing.
- » Adhesives.
- » Tile adhesives and grouts.
- » Building products.
- » Structural strengthening.

Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

