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CHAMP-TRACK, Water Play - Specification

DESCRIPTION

CHAMP-TRACK, water play surfacing is a poured in place surface utilizing a two component, solvent-free and non prepolymer polyurethane to provide a water impermeable and textured surface over asphalt or concrete. The thickness of the **CHAMP-TRACK** surface is typically 6-8mm. The finished surface will have coloured EPDM rubber crumb in the 1-4mm size bonded into the surface at various angles to provide slip resistance in wet and dry conditions. The **CHAMP-TRACK** surface is impermeable to water and will not harbour bacteria, algae, feces or other contaminants.

TYPICAL USE

The **CHAMP-TRACK** is typically used as an outdoor surface that is durable, resilient, slip-resistant, and impermeable to water and not affected by UV exposure or submersion in water.

COLOURS

The colour of the surface is determined by the colour of the EPDM rubber granule. The two component polyurethane is colour matched to the colour of the EPDM granules.

The standard colours are red, green, blue, and yellow.

Upgrade colours are available on request.

EPDM coloured rubber granules can be mixed to provide a custom colour blend

The two component polyurethane and EPDM rubber granules are stable to UV exposure.

SURFACE PREPARATION

The **CHAMP-TRACK** is only installed over lightly textured asphalt or concrete. Where asphalt is utilized, the surface must have been subject to two weeks of cure time and at least two rainfalls. For concrete bases, the concrete must have a moisture content of less than 5% (28 days old). The base can have a slope of up to 30 degrees.

CONSTRAINTS

The **CHAMP-TRACK** must be installed on a dry surface. The installation shall not take place in a rain. Normally the surface is installed with Elast/SF441, however where the surface is expected to be under water for extended periods of time Elast/SF480 is used.

Only two component polyurethanes will be allowed on the site. No prepolymers or moisture cured (single component) polyurethanes will be allowed on the site.

INSTALLATION PROCEDURE

1.0 Base Preparation

1.1 Asphalt base

1.1.1 The asphalt base must be installed over a compacted granular in 2 lifts. The lower course is of a coarse mixture and the top course shall be a fine mixture that is capable having a light texture.

1.1.2 The asphalt must be mechanically compacted to 98% SPD.

1.2 Concrete base

1.2.1 New concrete shall be a minimum of 3000 psi and have a texture of a light broom finish.

1.3 Existing concrete base

1.3.1 Where there is an existing concrete surface, the total surface must be sandblasted to remove any contaminant such as calcium that may have penetrated the concrete over time.

2.0 Reglet

2.1 There shall be a reglet cut at the perimeter of the **CHAMP-TRACK** installation 4mm wide and 6mm deep.

3.0 Thickness of the CHAMP-TRACK

3.1 The **CHAMP-TRACK** is installed in two layers to a minimum thickness of 6mm.

4.0 Installation

4.1 The base is cleaned mechanically.

4.2 Any holes or cracks filled using materials that are compatible with the CHAMP-TRACK surface.

4.3 High spots are removed

4.4 The Elast1004 is applied to the entire surface with rollers and the EPDM rubber granules are cast into the wet liquid.

4.5 Once the Elast1004 is cured, the excess EPDM granule is removed.

4.6 Apply the top layer using either Elast/SF441 or Elast/SF480 colour matched to the EPDM granule with a notched squeegee.

4.7 The EPDM granule is cast into the wet polyurethane and the surface is allowed to cure.

4.8 The excess EPDM granule is removed from the site.

WARRANTY

Each **CHAMP-TRACK** authorized installer warrants that the **CHAMP-TRACK** installed conforms to the formulations and standards of Sportbau Canada Limited. This warranty is in lieu of any other warranties express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular use. To maintain the warranty in effect, the **CHAMP-TRACK** maintenance procedures must be adhered to. Not included is vandalism or other wilful acts.

The items that are specifically warranted are that the surface will maintain its resilience, the surface will remain bonded to the interface and the surface will not wear through to the interface.

The sole and exclusive remedy of the buyer against the **CHAMP-TRACK** authorized installer shall be for the replacement of the defective area for a period of three years from the time of installation. No other remedy, including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss, shall be available to the buyer or owner.

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