

Softline PhysiSurface™ Surface System

Application: Sport Courts, Outdoor Fitness areas or Splash Pads

1.0 PRODUCT DESCRIPTION

Softline Pour In Place PhysiSurface™ system is a high wear and impact absorbing system. This surface consists of a single high strength wear layer mixed with specialist polyurethane to increase surface traction and reduce player fatigue. This surface does not have a base (impact) layer.

2.0 MATERIALS

2.1 BASE (IMPACT) LAYER

None required

2.2 TOP (WEAR) COURSE

Softline Primed applied to the concrete subbase. Polyurethane binder and Fine Grade 6/16 (1-3mm) Black rubber, EPDM Coloured Rubber (1-3mm) or a mix of these 2 products, mixed to specific ratio. Top course is laid to a ¾" min (19mm) or to 1" (25mm) depth. After cured a Clear coat sealer is recommend for wet (Splash Pad) applications.

3.0 SITE PREPARATION

3.1 ADMINISTRATIVE REQUIREMENTS

1. Coordination: Coordinate work of this section with other related work and in particular with work specified.
2. Schedule: Prepare a schedule for the work of this section. Include a detailed activity list, start and finish dates, milestones and date of substantial completion. Provide Consultant with a copy of proposed schedule and obtain Consultant's acceptance of schedule.
3. Pre-Installation Meeting: Convene a pre-installation site meeting at least 7 days prior to commencing work at site. Require attendance of parties directly affecting work of this section, including Consultant and, if appointed, testing agency. Review work activities and schedule. Tour site and inspect and discuss site physical conditions. Review required inspections.

3.2 SITE CONDITIONS

1. Ambient Conditions: Perform work on site when ambient conditions are conducive to proper performance and in accord with recommendations of Softline PhysiSurface™ installer. Take all reasonable precautions to guard against effects of adverse weather conditions.
2. Site Information: Before commencing work on site examine available documentation pertaining to site and determine nature and location of above ground and underground utilities. Report demonstrable and potential conflicts with work of this section to Consultant.



3. Existing Soil Conditions: Before proceeding with full scale excavation work, confirm nature of existing soil conditions.
4. Abandoned utilities encountered during excavation shall be removed and their ends plugged.
5. Active utilities encountered during excavation and not indicated in Contract Documents shall be reported immediately to Consultant and utility owner who shall determine measures necessary to repair, relocate, or remove utility.

4.0 EXECUTION

4.1 EXCAVATION

Excavation: Accurately excavate to dimensions shown on drawings.

4.2 SUB-GRADE PREPARATION

1. Remove unstable bottom material, including large stones, debris and compressible soils. Accurately construct and fine grade the sub-grade to required lines and levels.
2. Finished sub-grade shall be flat, uniform, dense, smooth, and free from loose stones and foreign matter.

4.3 GRANULAR BASE COURSE

1. Only to be installed over Asphalt or Concrete base.

Refer to Appendix 'A' for more sub-grade detail.

4.4 POUR IN PLACE PHYSISURFACE SYSTEM INSTALLATION

Refer to published sub-base, drainage, and installation requirements as specified in defined scope of work supplied by the project tender and landscape architect.

Areas and conditions within the defined scope of work shall be examined prior to commencement and officially signed off by the general contractor, landscape architect, Softline Solutions, and project manager as suitable to proceed.

Conditions detrimental to timely and proper completion of the work must be corrected prior to proceeding with installation. Installation shall not proceed until unsatisfactory conditions are corrected. In areas where Softline Solutions requires thicker protective surfacing (following sub-base sign off), Softline Solutions shall be responsible for modifying the sub-base accordingly.

4.5 PROTECTION

Site shall be protected from unintended walking on installed surfacing until 100% cure is obtained, unless otherwise agreed to and a sign off inspection has occurred.

APPENDIX 'A'

A SUB-GRADE DETAIL - OPTIONS

1. **Concrete/Asphalt:**
 - Concrete 125 mm thickness; asphalt 65mm minimum thickness.
 - Slope as specified on drawings supplied.
 - Light broom finish.
 - Must be new or if old concrete, appropriately cleaned to ensure proper adherence.
 - Asphalt must be at least two weeks old and washed down once prior to application of base material.

2. **Edges: (Refer to manufacturers edge details)**
 - Concrete retainer as specified on drawings supplied by project tender and landscape architect.