

Softline Pour In Place SealFloor™ System

1.0 PRODUCT DESCRIPTION

Softline Pour In Place SealFloor™ system is a specially formulated surface to provide a rubber playing surface for water parks, swimming pools, animal enclosures and veterinaries. The resilient qualities of the surface reduce the risk of fall injuries and slip resistance is increased.

2.0 MATERIALS

2.1 PRIMER APPLICATION

Polyurethane binder applied to the concrete base to seal the concrete (seal coat of approximately 1.5mm thickness). This prevents moisture and bacterial pores from penetrating into the slab.

2.2 SealFloor™ SYSTEM

Polyurethane binder and fine grade black or virgin colour rubber mixed to specific spray deck finish ratio at a minimum 25mm thickness.

A low viscosity, clear liquid appearance, one component polyurethane binder base on aromatic MDI which does not contain any solvents and cures by reaction with atmosphere moisture.

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 SealFloor™ 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. Compact sub-grade to 98% Standard Proctor Density.
2. Finished sub-grade shall be flat, uniform, dense, smooth, and free from loose stones and foreign matter.

4.3 GRANULAR BASE COURSE

1. Install concrete pad to a brush finish to depth shown on Drawings on sub-grade and under first layer of Softline Pour In Place.

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

4.4 POUR IN PLACE SealFloor™ 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.

*For sealed surface systems please refer to items 4.5.

4.5 SEALANT SplashSafe™ SYSTEM INSTALLATION

SplashSafe™ sealant shall be applied to the cured rubber surface (12-14 hours).
SplashSafe™ shall be applied as a two-coat system to fully seal and colour the surface.

4.7 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-1 SUB-GRADE DETAIL

A) Concrete/Asphalt:

- **Concrete 125-150mm 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.**