

# Sureplay Aquapour System

Specification

SP-1027



## Part 1 General

### 1.01 Poured in Place top coat system

The **Sureplay** Surepour aquatic & recreation system is a single layer, multipurpose flooring system.

### 1.02 Submittals

Shall consist of a color chart, MSDS sheets, 6" x 6" sample and a list of at least 10 completed projects in the last 3 years.

### 1.03 Acceptable Sub Grades

Concrete or Asphalt (please contact **Sureplay** for other suitable substrates).

### 1.04 Applications

Interactive play areas, pool decks, zero depth water features, fitness centers, locker rooms, jogging paths, and any area that does not require the Surepour playground system.

### 1.05 Testing

Shall be tested and passed the following.

- \*Flammability (ASTM D2859)
- \*Dry skid resistance (ASTM E303)
- \*Wet skid resistance (ASTM E303)
- \*Dry static coefficient of friction (ASTM D2047)
- \*Wet static coefficient of friction (ASTM D2047)
- \*Water permeability
- \*Elongation (ASTM D624)
- \*Wheel chair mobility (ASTM F1951)

## Part 2 Materials

### 2.01 Primer

A single component polyurethane.

### 2.02 Standard Binder

A one component moisture cured polyurethane containing no toluene diisocyanate (TDI) with a minimum weight of 8.5lbs. per gallon.

### 2.03 Aliphatic Binder

Aliphatic is a single part polyurethane that contains UV stabilizer which helps keep the system more vibrant over time.

### 2.04 EPDM Wear course

Shall be a virgin rubber with a minimum of 25% EPDM with an average size of 1-3mm (please refer to the **Sureplay** color chart for color selection and other available sizes).

## Part 3 Installations

### 3.01 Inspection

Sub grade needs to be inspected and verified with plans on site. Also, weather conditions need to be 34°F and rising. After both are confirmed, the installation can begin.

### 3.02 Primer

Primer is applied with a short nap roller at a rate of 300 sq. ft. per gallon.

### 3.03 EPDM Wear course

Wear course is mixed with standard binder (or aliphatic) then using a hand trowel evenly spread at a minimum thickness of  $\frac{1}{2}$ ". After the product is spread, the steel trowel is lubricated for a compacted and smooth finish.



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