

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.



Visit our website! www.sureplayinternational.com