

# Sureplay Surepour System

## Part 1 General

### 1.01 Poured in Place Playground Surface

The **SUREPLAY SUREPOUR** playground system is a seamless, non-slip, non-flammable, wheelchair accessible safety surface.



### 1.02 Manufacturer

**Sureplay International Rubber Surfacing, LLC**

500 Hoiles Drive

Kenilworth, NJ 07033

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### 1.03 Submittals

Shall consist of a color chart, MSDS sheets, minimum of a 6" x 6" sample, and a list of at least ten successful projects in the last year, five completed in the past three years, and five successfully completed over five years.

### 1.04 Description of system

The **Sureplay** Playground System consists of a two layers. The first, base course, being a recycled SBR (Styrene Butadiene Rubber) and polyurethane binder, and wearing course being a EPDM (Ethylene Propylene Diene Monomer) rubber and polyurethane binder.

### 1.05 Acceptable Sub Grades

Concrete, Asphalt, or Compacted Stone (with a minimum compaction rate of 95%). Please refer to **Sureplay's Detail Cut sheet** for further information.

### 1.06 Testing

Impact attenuation (ASTM F1292-04)

HIC (ASTM F1292-04)

Flammability (ASTM D2859)

Dry skid Resistance (ASTM E303)

Dry static coefficient of friction (ASTM D2047)

Wet skid resistance (ASTM E303)

Wet static coefficient of friction (ASTM D2047)

Water permeability (ASTM D2047-82)

Elongation (ASTM D624-86)

Wheel chair mobility (ASTM F1951)

**All products have been tested and passed all of the above requirements.**

## Part 2 MATERIALS

### 2.01 SBR Base

The impact layer shall be recycled SBR rubber with an average 3/8" shred containing less than 4% dust, blended with **Sureplay** standard polyurethane binder.

### 2.02 EPDM Wear Course

Shall be a virgin rubber with a minimum of 25% EPDM and an average size of 1-4mm (strand, shaved or shredded rubber is not acceptable).

Surepour Colors:

Eggshell	Yellow	Teal
Beige	Orange	Blue
Brown	Terracotta	Purple
Gold	Green	Grey

Surepour Blends:

Aquarium (50% Blue & 50% Teal)

Cappuccino (40%Brown, 30% Eggshell, 30% Beige)

Bubble Gum (34% Purple, 33% Pink, 33% Eggshell)

Brick (60% Terracotta & 40% Brown)

Mardi Gras (34% Purple, 33% Gold, 33% Green)

Safari (20% Brown, 40% Beige, 40% Green)

Ocean Breeze (50% Blue, 25% Eggshell, 25% Tan)

Pride (33% Primary Red, 33% Blue, 34% Eggshell)



### 2.03 Primer

One component **Sureplay** polyurethane.

### 2.04 Standard Binder

**Sureplay** moisture cured single component polyurethane containing no toluene diphenyl isocyanate (TDI) with a minimum weight of 8.5 lbs. per gallon.

### 2.05 Aliphatic Binder

**Sureplay** aliphatic binder can be used in place of standard binder with the EPDM wear course. **Sureplay** strongly recommends the use of aliphatic binder for bright colors which contains a UV stabilizer and keeps colors vibrant over time.

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## PART 3 INSTALLATION

### 3.01 Inspection

Do not proceed with Surepour system until all site work, including playground equipment, sub-base preparation, and any other related work is complete and plans are verified.

### 3.02 Material Handling

Rubber materials shall be transported in bags stored above 34 degrees F and handled such as to protect from moisture.

### 3.03 SBR Base

Base is mixed with **Sureplay** standard binder and consistently spread to specified thickness. Please refer to **Sureplay's Fall height Chart** for further information.

### 3.04 Primer

**Sureplay** primer is applied with a short nap roller at a rate of 300 Sq. Ft. per gallon. The borders, play equipment and abutting rubber should be primed with 2" paint brush.

### 3.05 EPDM Wear Course

Wear course is mixed with standard binder (or aliphatic) then using a hand trowel evenly spread at a minimum thickness of 1/2" (at high traffic areas such as under swings, slide exits, circular motion toys and all high traffic areas a min. of 5/8" is required). After the product is spread, the steel trowel is lubricated for a smooth and uniformed surface.

## PART 4 PROTECTION AND CLOSE-OUT

### 4.01 Security

Surface shall be protected from foot traffic during installation as well as curing period upon completion.

### 4.02 Basic maintenance

For small debris use a soft brush broom or power washer (no more than 1,600 PSI). There is no need for snow removal considering Surepour is a completely porous surface. However, if an area needs to be cleared use a plastic shovel. In no circumstances should a melting agent be used, if so any warranty will be voided. Melting agents, such as rock salt or calcium chloride will cause serious damage to the rubber surfacing.. (Cracking, splitting, or degrading)

### 4.03 Technical

**Sureplay International's Rubber Surfacing** can provide service for a turn-key project. General contractors, architects, park and recreation directors, school construction authorities and child care center directors rely on our fully trained staff for assistance with every aspect of the project. Such as, **Design, demolition, site grading, equipment installation, and surfacing.**

### 4.04 Warranty

**Sureplay** offers a standard two year warranty and additional coverage may be purchased. (for specific information please ask to see a sample warranty)

<b>Sureplay</b> <i>International Rubber Surfacing, LLC</i> 300 Maple Drive, Kenilworth, NJ 07033 Toll Free (888) 272-7313 Fax (908) 241-7854 <a href="http://www.sureplayinternational.com">www.sureplayinternational.com</a>	
<b>2 Year Warranty</b>	
<b>Project Name:</b>	<b>Project Number:</b>
<b>Address:</b>	<b>Warranty Inception:</b>
<b>Owner:</b>	<b>Warranty Expiration:</b>
Sureplay International Rubber Surfacing, LLC guarantees that our system will not bubble, crack, or delaminate.	
The inception of the forgoing warranty shall be the date noted above, continuing for a period of two (2) years.	
The warranty shall not cover any of the following conditions: vandalism, acts of nature, earthquakes, floods, and hurricanes; any foreign or chemical material poured or spilled on the project; excessive wear and tear resulting from the owner not providing basic maintenance; sub base not provided by Sureplay International.	
The owner waives any and all claims unless they are made in writing to Sureplay International Rubber Surfacing, LLC and received within ten (10) days after the owner or any of his/her agents become aware of the damage giving rise to the claim. All claims must be accompanied by a copy of the original contract. If claim is agreed to be valid, Sureplay International Rubber Surfacing, LLC will carry out repairs within a ninety (90) day period, weather permitting. If the claim is deemed invalid, the owner will be charged all expenses incurred, as well as, any labor associated charges.	
The warranty will be null and void if payment is not made for all components of the system or any modification or repairs are made without written consent of Sureplay International Rubber Surfacing, LLC.	
Our technical and sales staff is available at all times to advise on the care and maintenance of all our product lines, should any needs arise.	
<b>Signature:</b> _____ Rich Picerno Chief Executive Officer	<b>Date:</b> _____
***Note: Warranty is nontransferable from owner stated above.	