



## COLORGUARD TDS

### 1.0 General Description

ACRYTECH Colorguard (Made in America since 1995) is a 100% Acrylic Latex Emulsion Concentrate Surfacing System designed to be a playing surface for asphalt or concrete based tennis courts, basketball courts, running tracks, volleyball courts, and other recreational surfaces. ACRYTECH Colorguard is highly resistant to wear and ultra-violet degradation and does not contain any asbestos, lead or mercury.

ACRYTECH Colorguard is available in two forms, a concentrate, where sand is added on site and pre-mixed (sand factory added at the rate to achieve a Medium court pace). The speed of play is directly related to the size of sand and sand content. Less sand results in a faster speed of play. Larger sand results in a slower speed of play. See 7.0 for speed of play adjustments.

ACRYTECH Colorguard colors: Beige, Bright Red, Competition Blue, Competition Green, Forest Green, Gray, Light Blue, Medium Green, Maroon, Pro Blue, Pro Green, Purple, Red, Standard Blue, and Terra Cotta. Custom colors are available upon request.

### 2.0 Safety Guidelines

Avoid contact with eyes, skin and clothing. Refer to MSDS for additional information.  
Wear proper NIOSH approved respirator when handling silica sand.

### 3.0 Storage and Handling

Protect from freezing. Store between 4°C (40°F) and 32°C (90°F).  
Packaging: 55 gallon drum (560 lbs.), 30 gallon drum (300 lbs.), 5 gallon pail (53 lbs.). Drums are heavy.  
Use caution when moving.

### 4.0 Coverage

Coverage varies upon surface condition and porosity.  
Texture coat: .04-.05 gal of concentrate per square yard.  
Finish coat (top layer on inline skating surface): .03-.04 gal of concentrate per square yard.

### 5.0 Preparation Guidelines

5.1 New Construction (asphalt)

- a. Allow asphalt to cure a minimum of 14 days.
- b. Flood surface with water to check for depressions 1/16" or greater. Fill with ACRYTECH Sport Patch (Deep Patch) as needed and allow to cure.

5.2 New Construction (concrete)

- a. For proper bonding concrete should have a broom finish and a vapor barrier installed.
- b. Allow concrete to cure a minimum of 30 days.
- c. Acid bath concrete using muriatic acid. Follow manufacturers' recommendations.
- d. Flood surface with water to check for depressions 1/16" or greater. Fill with ACRYTECH Sport Patch (Deep Patch) as needed.
- e. Prime concrete with ACRYTECH Adhesion Promoter.

5.3 Existing Construction (asphalt or concrete)

- a. Pressure wash surface to remove dirt, mildew and other contaminants.
- b. Fill cracks with ACRYTECH Sport Patch (Deep Patch) or other crack repair method.

6.0 Application

6.1 All Surfaces-apply with soft rubber squeegee. Allow 1 to 3 hours for drying time between coats.

- a. Apply one to two coats of Acrylic Resurfacer (rougher surfaces may require two coats).
- d. Apply at least two coats of Colorguard.

7.0 Mixing Instructions

**ACRYTECH Acrylic Resurfacer Chart 27.5 gal concentrate - 1 or 2 coats**

<b>Filling Power</b>	Greater Filling (e.g. New asphalt)	Standard Filling
<b>Sand Grade</b>	80 mesh	80 mesh
<b>Sand Qty</b>	250 pounds	200 pounds
<b>Water</b>	15-18 gallons	15-18 gal

### ACRYTECH Colorguard Court Speed of Play chart 27.5 gal concentrate - 2 or 3 coats

<b>Speed of Play</b>	Medium-Slow	ITF Medium (standard)	Medium-Fast
<b>Sand Grade</b>	80 mesh	80 mesh (#7)	80 mesh
<b>Sand Qty</b>	225 pounds	200 pounds	150 pounds
<b>Water</b>	15-18 gallons	15-18 gallons	15-18 gallons

#### 8.0 Limitations

DO NOT APPLY WHEN:

1. Rain is in the near forecast.
2. Surface temperatures exceed 54°C (130°F). Surface temperatures may be reduced by misting surface with water prior to application except on the final coat of Colorguard.
3. When ambient air temperatures are or will be below 1°C (34°F) within 48 hours.

#### 9.0 Physical Properties

Warranty	2 years
Weight per gallon	9.8 lbs
Application and curing Temp.	34-130°F
Average dry time	2 - 4 hours
Cure time before use (min)	48 hrs

A product of Stegas, Inc.  
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