ACRYTECH RS (Roller Sports) TDS

1.0 General Description

ACRYTECH RS is specifically designed to provide a pigmented and durable surface for roller sports including roller hockey and competitive inline skating. ACRYTECH RS is a fiber reinforced, highly abrasion resistant surface. ACRYTECH RS was developed with the aid of a Roller Hockey Player and creates an ideal wheel grip and puck slide.

Colors: Blue Ice, Standard, and Custom

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. Acrytech RS should be stored between 4˚C (40˚F) and 32˚C (90˚F).
Packaging: 55 gallon drum (560lbs/drum). Drums are heavy. Use caution when moving.

4.0 Coverage and application rate

Coverage varies upon surface condition and porosity.
Acrylic Resurfacer coat: .045-.06 gal of concentrate per square yard
RS coats: .04-.045 gal of concentrate per square yard

5.0 Preparation Guidelines

5.1 New Construction (asphalt)

a. Allow asphalt to cure a minimum of 30 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. See Sport Patch TDS.

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 AcryLock.

5.3 Existing Textured Surface Conversion to ACRYTECH RS (asphalt or concrete substrate)

a. Pressure wash surface to remove dirt, mildew and other contaminants.

b. Fill cracks with Sport Patch (Deep Patch) and level areas as needed.

5.4 Old RS recoating

a. Pressure wash surface to remove dirt, mildew and other contaminants.

b. Sand or lightly grind previous RS surface to allow for proper adhesion of new paint. RINSE

c. Fill cracks with Sport Patch (Deep Patch) and level areas as needed.

6.0 Mixing Instructions

6.1 ACRYTECH Acrylic Resurfacer

a. 27.5 gallons (1/2 drum) Acrylic Resurfacer Concentrate

b. 200 lbs #60 - #80 mesh silica sand

c. 15-18 gallons clean water

6.2 ACRYTECH RS

a. Ready to Use. Stir to ensure uniformity.

b. In high heat environments to slow drying, 1 part of water to 5 parts RS may be mixed. DO NOT OVERDILUTE

7.0 Application

7.1 Method

a. All Surfaces-apply with a 50 to 70 durometer rubber squeegee.

b. Ambient air temperature must be at least 10˚C (50˚F) during application and drying process.

c. If RS is drying too quickly due to high surface temperatures, misting the surface with water prior to application is an allowable and effective technique.

7.2 Process

a. Apply one to two coats of Acrylic Resurfacer (rougher surfaces may require two coats) – Allow a minimum of 2 hours dry time between coats and before applying ACRYTECH RS.

b. Apply two coats of ACRYTECH RS – Allow a minimum of 4 hours dry time between coats.

c. Allow final coat of ACRYTECH RS to cure a minimum of 72 hours before use.

8.0 Limitations

DO NOT APPLY WHEN:

1. Rain is in the near forecast
2. Surface temperatures exceed 54˚C (130˚F).
3. Ambient air temperatures are below 10˚C (50˚F)
4. Ambient air temperatures are expected to be at or below 40˚F within 48 hours of application.