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**PRODUCT DATA SHEET**

**ACTION PAVE® ACRYLIC FILLER**

OCTOBER 2021

**READ BEFORE USING THIS PRODUCT**

**GENERAL**

Action Pave Acrylic Filler is a textured, sand fortified, 100% acrylic emulsion, with reinforcing pigments and prime color pigments that provide a durable coating. Action Pave Acrylic Filler has been specially engineered to protect the entire Action Pave Athletic Surface System from harmful effects of ultra-violet light and to cool the surface for more pleasurable play. Action Pave Acrylic Filler is fully pigmented resulting in longer lasting, richer, full depth uniform color.

**Recommended Uses**

Action Pave Acrylic Filler can be applied over existing color coated surfaces to rejuvenate and add texture. Action Pave Acrylic Filler can be applied to new surfaces over Action Pave Acrylic Resurfacer that has been properly applied and cured. Action Pave Acrylic Filler can be used for sport courts including but not limited to basketball, hockey/in-line skating, pickleball, playground, running surface, shuffleboard, tennis, multi-purpose courts, decorative surfaces and more.

**Technical Data**

Following is the technical data for Action Pave Acrylic Coating Filler:

<u>Property</u>	<u>Test Method</u>	<u>Technical Data</u>
VOC	Calculated	100 g/L maximum
Rotational Viscosity, 77 °F (25 °C), 20 RPM	Brookfield	28,000 ± 5000
Density, lb/gal	ASTM 1475	11.8 ± 0.5
pH	-	8.5 to 9.5
Dry time, 77 °F (25 °C), 50% Relative Humidity,	-	Approximately 90 minutes
Weathering, 2000 hours*	ASTM G154, QUV UVA-340, Cycle 1A	<2**
Weathering, 2000 hours	ASTM G155 Ci4000 Xenon Arc***	Negligible

\*Dark Green, Medium Green, T-Green, Red  
 \*\*ΔE less than 2 on a scale to 100 International Commission on Illumination  
 \*\*\*0.55 W/m<sup>2</sup> at 340 nm, cycle upon request  
 Above numbers are for guidance and should not be used for specification

Action Pave Acrylic coatings color coats have been tested and ITF classified for speed of play

**Installation Instructions**

- **Squeegee**
  - Use a standard commercial quality squeegee with about 70 durometer hardness and 24, 30 or 36 inches in width. Clean squeegee with water immediately after use.
- **Mix Design**
  - Action Pave Acrylic Filler is concentrated and needs to be mixed with clean water on site. Mix material thoroughly using a mechanical mixer or paint mixer drill attachment. Action Pave Acrylic Filler is factory blended with 350 pounds of 80 mesh sand per 55-gallon drum.
  - Mix 3 parts Action Pave Acrylic Filler with 1 part water. Adjust and add additional water based on temperature, humidity, and porosity of substrate. Never exceed 1 part water to 2 parts Action Pave Acrylic Filler.
- **Coverage**
  - Coverage will vary depending on porosity. To surface the standard tennis court (800 square yards) 45 – 75 gallons (0.055 – 0.09 gal/yd<sup>2</sup>) of undiluted Action Pave Acrylic Filler is required. Two (2) coats will require 90 – 150 gallons (0.11 – 0.18 gal/yd<sup>2</sup>)
- **Surface Preparation and Application**
  - Concrete Surfaces- Concrete must cure a minimum of 28 days and should be uniformly textured to allow for proper adhesion of Action Pave Acrylic Coatings. A lightly brushed (not steel troweled) uniform surface texture is ideal. Do not use curing agents or hardeners. Concrete, new or old, must be etched with a 10 – 15% solution of muriatic acid and thoroughly flushed with clean water. Allow to dry before applying Action Pave Acrylic Coatings. An approved 2-part epoxy primer shall be applied to insure proper bond. Action Pave Acrylic Coatings require a sound base with good drainage. Concrete must be prepared in accordance with the American Sports Builders Association (ASBA) construction guidelines to comply with any warranty. An appropriate vapor barrier shall be installed below the concrete slab.
  - New Asphalt Pavement – Hot mix asphalt pavement (HMA) must comply with ASBA asphalt guidelines including mix design and compaction to comply with any warranty. New asphalt pavement must be aged at least 14 days before application.
  - The surface must be clean and free of grease, oil, or other debris. Action Pave Acrylic Filler is to be applied over Action Pave Acrylic Resurfacer, previously coated surfaces or new surfaces which have already received Action Pave Acrylic Filler Coat. Spread Action Pave Acrylic Filler evenly by walking in one direction and then reversing direction. Always

maintain a wet edge and do not overwork the material. Avoid leaving any puddles when squeegeeing material back and forth. Allow materials to dry sufficiently before applying the Action Pave Acrylic Textured White Line Paint. Allow Action Pave Acrylic Filler 24 to 48 hours to cure, depending on conditions, before play.

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### Limitations

- Do not apply Action Pave Acrylic Resurfacer with Sand when the surface temperature is below 50 °F (10 °C) or when surface temperature is above 130 °F (55 °C).
- Do not apply when rain, fog or high humidity is imminent.
- Action Pave Sport Court System will not prevent surface and structural cracks from occurring.

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### Packaging and Availability

53 Gal. (200.6 L) drums, 5 Gal. (18.9 L) pails, and 1 Gal. (3.7 L) pails.

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### Storage

- Close cover tightly.
- Do not store in direct sunlight.
- Keep from freezing.
- Storage temperature range 40 – 90 °F (4 - 32 °C).
- Dispose of container in accordance with state and federal regulations.

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### WARRANTY

ACTION PAVE® Acrylic Filler is warranted by the manufacturer to meet specification requirements at time of shipment. Techniques used for pavement preparation prior to Action Pave Acrylic Filler application are beyond manufacturer control as are use and application of Action Pave; therefore, the manufacturer shall not be responsible for improperly applied or misused Action Pave. Remedies against the manufacturer are limited to replacing nonconforming product or refund (full or partial) of purchase price. All claims for breach of this warranty must be made within three (3) months of delivery date. There shall be no other warranties expressed or implied. **For optimum performance, follow recommendations for Acrylic Filler installation.**

No informal dispute mechanism has been established. Notice must be given in writing to CrafcO, Inc 6165 W. Detroit St., Chandler, AZ 85226. A sample of the product claimed defective must be retained together with satisfactory proof of purchase. No claim will be honored if the lot number(s) are not provided therewith. THIS WARRANTY IS ISSUED AND ACCEPTED IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES AND EXPRESSLY EXCLUDES ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR PARTICULAR PURPOSE, AS WELL AS LIABILITY FOR CONSEQUENTIAL DAMAGES. CrafcO Sales or Technical Representatives have no authority to extend any guarantee beyond that outline above.