

StreetBond® Acrylic Resurfacer without Sand

Technical Data Sheet



Description:

StreetBond® Acrylic Resurfacer without Sand is a 100% acrylic emulsion developed specifically for new or previously sealed athletic surfaces. This material is premixed and pigmented black to use on asphalt or concrete surfaces to reduce the porosity and provide a uniform surface texture. Application of StreetBond® Acrylic Resurfacer without Sand provides a proper base coat(s) upon which StreetBond® Finish color coats are applied.

Uses:

StreetBond® Acrylic Resurfacer without Sand is to be applied over newly paved or old, severely oxidized, and pitted asphalt surfaces and primed concrete surfaces. StreetBond® Acrylic Resurfacer without Sand can be used for athletic surfaces including but not limited to basketball, hockey/in-line skating, pickleball, playground, running surface, shuffleboard, tennis, multi-purpose courts, decorative surfaces, and more. Streetbond® Acrylic Resurfacer is part of the Streetbond® Athletic Surface System, which may include resurfacer, filler/leveler, finish, and line striping.

Packaging:

- 53 gallon drums (200.6 L)
- 5 gallon pails (18.9 L)

Storage:

Store unopened containers between 40°F and 90°F (4°C and 32°C). Do not store in direct sunlight.

Application Instructions:

Mixing:

- StreetBond® Acrylic Resurfacer without Sand is a formulation that can be targeted for performance and value. It is concentrated and needs to be mixed with sand and clean water on site.
- If adding sand, first mix sand meeting 60 – 80 mesh with StreetBond® Acrylic Resurfacer without Sand.
 - Mix up to 10 pounds of sand to 1 gallon of undiluted Resurfacer.
 - After adding sand, mix resulting mixture with clean water at a ratio of 2 parts StreetBond® Acrylic Resurfacer-plus-sand to 1 part clean water.
 - During these steps, mix material thoroughly using a mechanical mixer or paint mixer drill attachment.

Surface Preparation:

- **Concrete Surfaces** — Concrete must cure a minimum of 28 days and should be uniformly textured to allow for proper adhesion of StreetBond® 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 either be media blasted, mechanical abraded or etched with a 10 – 15% solution of muriatic acid and thoroughly flushed with clean water. Allow to dry before applying StreetBond® Acrylic Coatings. StreetBond® QS or StreetBond® WB primer must be applied to insure proper bond. StreetBond® 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 and may require longer curing period in cold and dry climate areas.

The surface must be clean and free of grease, oil, or other debris. Pour a ribbon of material along one end of the area

to be surfaced. Spread Streetbond® Acrylic Resurfacer without Sand evenly by walking in one direction and then reversing direction. Before applying the next coat of material, inspect coating and scrape off any ridges, lumps, or other imperfections and then apply the next coat 90 degrees to the previous coat.

- **Squeegee** — Use a standard commercial quality squeegee with about 70 durometer hardness and 24, 30, 36, or 48 inches in width. Clean squeegee with water immediately after use.
- **Coverage** — Coverage will vary depending on porosity. To surface the newly paved standard tennis court (800 square yards) 0.07 – 0.10 gal/yd² (0.85 gal/100 ft²) approximately 60 gallons of undiluted StreetBond® Acrylic Resurfacer is required. Two (2) coats will require approximately 110 gallons 0.12 – 0.16 gal/yd² (1.55 gal/100 ft²).

Limitations and Precautions:

- Do not apply StreetBond® Acrylic Resurfacer without 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.
- StreetBond® Athletic Surface System will not prevent surface and structural cracks from occurring.

Safety and Handling:

For specific information regarding safe handling of this material, please refer to the Safety Data Sheet (SDS).

Cleanup:

Thoroughly rinse application equipment with clean water before it dries.

Product Characteristics

Type	Result	Test Method
VOC (calculated)	100 g/L maximum	
Rotational Viscosity, 77°F, 20 RPM	20,000 ± 5000	Brookfield
Density, lb./gal.	9.5 ± 0.5	ASTM 1475
pH	8.5 to 9.5	

Note: Values are approximate and subject to normal manufacturing variations. These values are not guaranteed and are provided solely as a guide.