



StreetBond® Acrylic Resurfacer with Sand

Technical Data Sheet

StreetBond® Acrylic Resurfacer with Sand is a heavily fortified, sand filled, 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 with Sand provides a proper base coat(s) upon which StreetBond® Finish color coats are applied.

PRODUCT INFORMATION

Product Characteristics	Test Method	Data
VOC	calculated	100 g/L maximum
Rotational Viscosity, 77F, 20 RPM	Brookfield	38,000 ± 5000
Density, lb/gal	ASTM 1475	12.7 ± 0.5
pH	-	8.5 to 9.5

Uses

StreetBond® Acrylic Resurfacer with Sand is to be applied over newly paved or old, severely oxidized, and pitted asphalt surfaces and primed concrete surfaces. StreetBond® Acrylic Resurfacer with 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, that may include resurfacer, filler/leveler, finish, and line striping.

Limitations & Precautions

- Do not apply StreetBond® 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.
- StreetBond® Athletic Surface System will not prevent surface and structural cracks from occurring.

Packaging & Storage

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.

Mixing:

- StreetBond® Acrylic Resurfacer with Sand is concentrated and needs to be mixed with clean water on site. Thorough mixing is required. Mortar mixers offer the best results. Mix material thoroughly using a mechanical mixer or paint mixer drill attachment.
- StreetBond® Acrylic Resurfacer with Sand is factory blended with proper mesh sand.
- 2 parts StreetBond® Acrylic Resurfacer with Sand and 1 part water.

PRODUCT INFORMATION

Application Instructions

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 with 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) approximately 60 gallons (0.07 – 0.10 gal/yd²) of undiluted StreetBond® Acrylic Resurfacer is required. Two (2) coats will require approximately 110 gallons (0.12 – 0.16 gal/yd²).

Safety & 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.