



SB120 Pavement Coating (Part A & B)

Product Data Sheet



USES & ADVANTAGES

Uses:

- Driveways, pathways, raised medians, pedestrian plazas
- Asphalt preservation
- Can be used on concrete with proper surface preparation (See Substrate Guide)

StreetBond® SB120 Pavement Coating is combined with **StreetBond® Colorants** to offer a wide range of colors and can also be combined with **StreetBond® Solar Reflective (SR) Colorants** to produce a cool pavement surface for compliance with LEED

specifications for urban heat island mitigation and to provide more comfortable environments for non-vehicular applications.

StreetBond® SB120 Pavement Coating meets EPA requirements for Volatile Organic Compounds (VOC) and creates no unpleasant odors during or after installation. **StreetBond® SB120 Pavement Coating** is fully recyclable with the asphalt. **StreetBond® SB120 Pavement Coating's** friction properties are suitable for both pedestrian and vehicular applications.

PRODUCT DESCRIPTION

StreetBond® SB120 Pavement Coating is a two-component extended version of **StreetBond® SB150** advanced waterborne epoxy-modified acrylic coating. This has been formulated for use on pedestrian applications such as raised medians, plazas and pathways and very low-to-no vehicular traffic. **StreetBond® SB120 Pavement Coating** is designed to have about 2/3 of the wet durability of **StreetBond® SB150**. Although its durability is reduced, it has all the same balanced properties: flexibility, adhesion, color stability and chemical resistance. **StreetBond® SB120 Pavement Coating** will also extend asphalt life by providing protection from the harmful effects of oxidation due to UV exposure and weathering.

WARRANTY

See applicable warranties and guarantees for complete coverage and restrictions.

PACKAGING & SHELF LIFE

One unit of **StreetBond® SB120 Pavement Coating** consists of:

- (1) - 5 gallon (19 liter) bucket of Part A
- (1) - 1 pint (0.47 liter) container of Part B
- (1) - chosen **StreetBond® SB120 Pavement Coating Colorant** (sold separately)

Shelf life 24 months if unopened containers stored between 40°F and 90°F (4°C and 32°C).

PRODUCT CHARACTERISTICS

STREETBOND® SB120	
Density	14.0 lb/gal, 1.67 g/mL [ASTM D1475]
Volume Solids	57% (±2%) [ASTM D2697]
Weight Solids	75% (±2%) [ASTM D2369]
VOC (calculated)	<25 g/L
Taber Abrasion (Dry - H-10 wheel)	1.39 g/100 cycles [ASTM D4060]
Taber Abrasion (Wet - H-10 wheel)	2.42 g/100 cycles [ASTM D4060]
Mandrel Bend	1/4" @ 25°C [ASTM D522-93A]
Water Absorption	10.3% [ASTM D570]
Permeance	13.4 g/m ² /24hr/mmHg (52 mils) [ASTM D1653]

Drying Time (Touch Dry)	1-4 hours at 77°F (25°C) and 40% humidity [ASTM D5895]
Friction	Dry = 88 Wet = 66 [ASTM E303]
Freeze Point	32°F (0°C)
Application Temperature	+50°F to 105°F (Ambient) (10°C to 40°C)
Standard Colorants (17)	Bedrock, Black, Brick, Brown Suede, Burnt Sienna, Concrete Grey, Granite, Hunter Green, Marigold, Nutmeg, Pewter, San Diego Buff, Sierra, Slate, Sunset Blush, Taupe, & Terra Cotta
Solar Reflective Colorants (11)	SR White, SR Brownstone, SR Evergreen, SR Fawn, SR Irish Cream, SR Khaki, SR Safety Blue, SR Sandstone, SR Slate, SR Sun Baked Clay, & SR Terra Cotta

APPLICATION INSTRUCTIONS

Mixing: Add Part B pint can, your chosen colorant and 1 quart (0.95L) of water (two empty part B pint cans) into Part A pail. Mix pail for 3 minutes. In warmer conditions add a total of 1.5 quarts (1.4L) of water to improve workability before mixing. In cooler conditions add only a total of 1/2 quart (1 pint / 0.47L) of water to improve dry time before mixing.

Surface Preparation: Dirt, debris, water and contaminants sitting on the surface will affect adhesion. Thoroughly clean surface using a broom and backpack blower or, in severe situations, use a power washer. Areas containing chemical contaminants such as vehicle fluids need to be treated using a degreasing solution. Proper removal of contaminants and degreasing solution is necessary prior to coating application. Care should be taken to ensure that the substrate is dry before applying the coating.

Consult the **StreetBond® Substrate Guide** if you are unsure of the quality of the surface. An environmentally

friendly cleaner should be used. **StreetBond® Adhesion Promoter Concentrate** may be used for polished asphalt. Some concrete applications will require a primer. No precipitation should be expected within 24 hours.

Recommended Application: StreetBond® SB120 Pavement Coating may be applied in thin coats coat by brush, roller or textured sprayer. Typical pedestrian applications require 3 layers of coating. Heavy pedestrian applications require 4 layers. **StreetBond® SB120 Pavement Coating** is not designed for vehicular traffic.

Coating must be allowed to cure before introducing foot traffic. Cure times vary based on climate conditions and range between 6-24 hours.

GAF Liquid-Applied

January 2016, supersedes December 2014

For technical, system, and warranty information, visit gaf.com or call 1-800-766-3411.

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APPLICATION INSTRUCTIONS, CONT'D

Recommended Application Coverage Rates:

# OF LAYERS	COVERAGE (approx)		THICKNESS (approx)			
	ft ² /unit*	m ² /unit*	WET		DRY	
			mm	mil	mm	mil
3	200	18.6	0.84	33	0.48	19
4	150	13.9	1.12	44	0.66	26

*1 unit is a nominal 5 gallon pail comprising Part A, Part B and Colorant (approximately 4.12 gallons). 1 unit when sprayed as a single layer covers approximately 600sqft (55.7 sqm), with an approximate thickness of 6.3mil (0.16mm) dry.

LIMITATIONS & PRECAUTIONS

Ambient and surface temperatures must be 50°F (10°C) and rising before coating application. Do not ship or store unless protection from freezing is available. Use **StreetBond®** concrete primers when apply on to concrete substrates. No precipitation should be expected within 24 hours.

StreetBond® SB120 Pavement Coating cannot be used as part of the **StreetBond®** Premium System.

CLEAN UP

Thoroughly rinse application equipment with clean water before it dries.

SAFETY & HANDLING

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

GAF

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