

# **StreetBond® SB150 Airless Product Data Sheet**

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North America's Largest Roofing Manufacturer!™*



## BASIC USES & ADVANTAGES

**StreetBond® SB150 Airless** is combined with **StreetBond® Colorants** to offer a wide range of colors and solutions. For example, it can be combined with **StreetBond® Solar Reflective (SR) Colorants** to produce a cool pavement surface. The friction properties of **SB150 Airless** make it suitable for both pedestrian and vehicular applications.

**StreetBond® SB150 Airless** meets EPA requirements for Volatile Organic Compounds (VOC) and creates no unpleasant odors during or after installation. Additionally, it is fully recyclable with asphalt.

### Uses:

- Asphalt parking lots, crosswalks, driveways, bus and cycle lanes, pathways, level and raised medians, entry ways
- Asphalt preservation
- Can be used on concrete with surface primer

### Advantages:

- Creating clean edges around any **StreetBond®** project on asphalt or concrete
- Concrete curbing

## PRODUCT DESCRIPTION

**StreetBond® SB150 Airless** is an epoxy-modified, acrylic waterborne coating specifically designed for application on asphalt and concrete pavements. It has the same balance of properties as regular **StreetBond® SB150** to ensure good adhesion and movement on flexible pavement, but it can be applied through an airless sprayer system. The aggregate composition has been adjusted to **StreetBond® SB150 Airless**. It meets EPA requirements for Volatile Organic Compounds (VOC).

## PHYSICAL PROPERTIES

STREETBOND® SB150 AIRLESS	
Density	13.8 lb/gal (1.65 g/mL) [ASTM D1475]
Volume Solids	59% (±2%) [ASTM D2697]
Weight Solids	75% (±2%) [ASTM D2369]
VOC (calculated)	<23 g/L
Taber Abrasion (Dry - H-10 wheel)	0.76 g/100 cycles [ASTM D4060]
Taber Abrasion (Wet - H-10 wheel)	2.18 g/100 cycles [ASTM D4060]
Drying Time (Touch Dry)	1-4 hours at 77°F (25°C) and 40% humidity [ASTM D5895]

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

## PACKAGING & SHELF LIFE

One unit of **StreetBond® SB150 Airless** consists of:  
 (1) - 5 gallon / (18.9 liter) pail of Part A (contains 3.36 gal [12.7 L] of **StreetBond® SB150 Airless**)  
 (1) - 1 quart / (0.95 liter) container of Part B  
 (1) - **StreetBond® Colorant** (sold separately)

Shelf life: 24 months from date of manufacture in unopened containers, if stored properly in a clean and well-ventilated area at 40°F - 90°F (4°C - 32°C). Storage outside this temperature range may shorten shelf life. Keep containers covered when not in use. Do not allow coating to freeze.

## APPLICATION INSTRUCTIONS

**Substrate Preparation:** Clean and prepare surfaces to receive coating by removing all loose and flaking particles, grease, and laitance with a stiff-bristle push broom and/or pressure washing. Be sure that the substrate is dry 24 hours before applying. **StreetBond® Adhesion Promoter** should be used if the asphalt has polished aggregates present.

**For Concrete:** Substrate **MUST** be primed with either **StreetBond® WB Concrete Primer** (Water-Based Primer) or **StreetBond® QS Concrete Primer** (Two-Part Epoxy Primer) prior to application.

**Mixing:** Add **Part B** quart (0.95 liter) can, your chosen **Colorant**, and 1 quart (0.95 L) of water into **Part A** pail. Mix pail for 3 minutes. In warmer conditions, add a total of 1.5 quarts (1.4 L) of water to improve workability before mixing. In cooler conditions, add only a total of ½ quart (1 pint / 0.47 L) of water to improve dry time before mixing.

**Recommended Application: StreetBond® SB150 Airless** may be applied in thin coats coat by brush, roller, or textured sprayer. Typical pedestrian applications require 3 layers of coating. Vehicle applications require 4 layers or more depending on the amount of traffic. Consult the most up-to-date specification on [gaf.com](http://gaf.com) for more details.

Allow coating to dry to the touch between layers. Failure to do so could result in texture variations and adhesion issues.

**For Application Questions:** Contact GAF Technical Services at 1-800-766-3411 or visit [gaf.com](http://gaf.com).

**Applicable Standards:** ASTM D1475, ASTM D4060, ASTM D5895



## APPLICATION INSTRUCTIONS, CONT'D

### Recommended Application Coverage Rates:

# OF LAYERS	COVERAGE (approx)		THICKNESS (approx)			
	ft <sup>2</sup> /unit*	m <sup>2</sup> /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
5	120	11.2	1.40	55	0.81	32
6	100	9.3	1.68	66	0.97	38

*\*One unit is a nominal 5-gallon (18.9 L) pail comprising Part A, Part B, and Colorant (approximately 4.12 gallons [15.6 L]). One unit when sprayed as a single layer covers approximately 600 sq. ft. (55.7 sq. m), with an approximate thickness of 6.3 mil (0.16 mm) dry.*

**StreetBond® Sealer Concentrate** can be applied to the surface of **StreetBond® SB150 Airless** once the last layer of coating is dry to the touch. Coating must be allowed to cure before introducing traffic. Cure time varies based on climate conditions and ranges between 6 – 24 hours.

## 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. Some concrete applications will require a concrete primer. No precipitation should be expected within 24 hours.

**NOTE: StreetBond® SB150 Airless cannot be used as part of the StreetBond® Premium System.**

## SAFETY & HANDLING

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

## CLEAN-UP

Thoroughly rinse application equipment with clean water before it dries.