SB150 Pavement Coating (Part A & B)

Represented in Canada by: HUB Surface Systems, Inc. https://www.hubss.com info@hubss.com

Commercial Product Data Sheet

BASIC USES & ADVANTAGES

StreetBond® SB150 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 surfaces for compliance with LEED specifications for urban heat island mitigation and to provide more comfortable environments. StreetBond SB150 is also used in the StreetBond Premium System.

StreetBond SB150 creates no unpleasant odors during or after installation and is fully recyclable with the asphalt. StreetBond SB150's friction properties are suitable for both pedestrian and vehicular applications.

Uses:

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

PRODUCT DESCRIPTION

StreetBond SB150 is a two-component advanced waterborne epoxy-modified acrylic coating specifically designed for application on textured (stamped) or non-textured (flat) asphalt pavements. StreetBond SB150's unique design allows it to maintain durability even when wet. StreetBond SB150's flexibility, adhesion and elongation allow for the expansion and contraction that is a characteristic of asphalt (flexible) pavements without cracking. StreetBond SB150 can extend asphalt life by providing protection from the harmful effects of oxidation due to UV exposure and weathering.

PRODUCT CHARACTERISTICS

STREETBOND SB150	
Density	13.7 lb/gal, 1.65 g/mL [ASTM D1475]
Volume Solids	53.5 - 60.6% [ASTM D2697]
Weight Solids	70 - 76% [ASTM D1644]
VOC (calculated)	<50 g/L
Taber Abrasion (Dry - H-10 wheel)	< 0.35 g/1000 cycles [ASTM D4060]
Taber Abrasion (Wet - H-10 wheel)	< 4.0 g/1000 cycles [ASTM D4060]
Mandrel Bend	0.5 in. - 1.0 in. [ASTM D522]
Water Absorption	8 - 12% [ASTM D570]
Permeance	5.6 perms [ASTM D1653]
Adhesion	300 - 1400 psi [ASTM D4541]

Drying Time (Touch Dry)	1-4 hours at 77°F (25°C) and 40% humidity [ASTM D5895]
Friction	Dry = 55 - 90 Wet = 35 - 70 [ASTM E303]
Hardness	80.8 [ASTM D2240]
Freeze Point	32°F (0°C)
Application Temperature	50°F to 105°F (10°C to 40°C)
Colorants	See Pavement Coating Color Guide for Colors

WARRANTY

See applicable warranties for coverage and restrictions.

PACKAGING & SHELF LIFE

One unit of StreetBond SB150 consists of:
(1) - 3.5 gallon (13.2 liter) bucket of Part A
(1) - 1 quart (0.95 liter) container of Part B
(1) - StreetBond Colorant (sold separately)

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

APPLICATION INSTRUCTIONS

Mixing: Each mixed unit of StreetBond coating consists of a Part A pail to which a Part B, your chosen colorant and 1 quart (0.95L) of water (empty part B can). 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 ½ quart (0.47L) of water to improve dry time.

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 may be used for polished asphalt. Some concrete applications will require a primer. No precipitation should be expected within 24 hours of product application.

Recommended Coverage Rate: StreetBond SB150 may be applied in thin coats coat by brush, roller or texture sprayer. Typical pedestrian applications require 3 layers of coating. Vehicle applications require 4 layers or more depending on the amount of traffic.

continued on back