

Technical Data Sheet

Updated – Dec 12, 2012



DuraShield

by StreetBond

Coating for Parking Lot Preservation

DESCRIPTION

DuraShield by StreetBond (“DuraShield”) is a specialty coating, formulated using high quality 100% acrylic polymer technology, designed to enhance the appearance of asphalt surfaces and to protect the asphalt from degradation due to oxidation from exposure to UV rays and water. **DuraShield** contains 100% acrylic polymer as opposed to traditional seal coat products, which are mostly asphalt cement. Therefore, the wear properties of **DuraShield** are far superior to traditional asphalt emulsion seal coat products. The greatest improvement in wear occurs during wet exposures where typically, most coating loss occurs. **DuraShield** also retains its durability properties over time, even when exposed to weather. **DuraShield** resists wear yet remains flexible to move with an asphalt substrate without cracking. In addition to protecting the asphalt substrate and providing positive aesthetic appearance, **DuraShield** covers minor surface cracks and imperfections.

RECOMMENDED USES

- Asphalt parking lot preservation & beautification
- Asphalt walkways preservation & beautification

PRODUCT CHARACTERISTICS

Standard Colors: Asphalt, Solar Grey
Density: 15.48 lb/gal
1.85 g/mL
Volume Solids: 60% ± 2%
Weight Solids: 77% + 2%
VOC (calculated): <21 g/L
Elongation @ 70°F >200 % (resin only)
Taber Abrasion (Dry) 0.78 g/100 cycles
Taber Abrasion (Wet) 6.96 g/100 cycles
Application Temperature: + 50°F to 105°F (Ambient)
(10°C to 40°C)
Drying Time (Touch dry): 1-4 hours at 77°F (25°C)
and 40% humidity
Freeze Point: 32° Fahrenheit
0° Celsius
Shelf Life: 24 months if unopened and
stored between 40°F & 90°F
(4°C & 32°C)

APPLICATION

Surface Preparation - As a minimum, clean and prepare surfaces to receive coating by removing all loose and flaking particles, grease and laitance with the use of a stiff bristle push broom and or washing. Care should be taken to ensure that the substrate is dry before applying the coating. In some cases additional drying time may be required after the cleaning process. Please consult your StreetBond Technical Sales Representative for additional advice on surface preparation.

Recommended Application - **DuraShield** may be applied in a single coat by brush, roller, squeegee, or spray at the rate of approximately 50 to 60 square feet per gallon depending on the asphalt texture. Apply in a smooth, generous coat to assure **DuraShield** fills minor surface cracks and imperfections. The approximate average thickness is 27 to 32 wet mils or 16-19 dry mils.

Packaging - **DuraShield** is packaged in either 5 gallon pails containing approximately 3.5 gallons and weighing approximately 52lbs or 55 gallon drums containing approximately 42 gallons of material and weighing approximately 624lbs.

CLEAN UP

Thoroughly rinse application equipment with clean water.

SAFETY AND HANDLING

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

ORDERING INFORMATION

DuraShield can be purchased at official distributor of DuraShield by StreetBond or from Quest Construction Products at 1 (800) 541-4383 or +1 (480) 754-8900.

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Before



After



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