



PRODUCT DESCRIPTION

Decocoat DecoShield Pavement Coating 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.

PACKAGING & SHELF LIFE

3.5 gallons (13.2 liters) in a 5-gallon (18.9 liter) pail
 42 gallons (158.9 liters) in a 55-gallon (208 liter) drum*
 *One drum contains 12 units (5-gallon [18.9 L] pails) of material.

Shelf Life: 18 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 - 32.2°C). Storage outside this temperature range may shorten shelf life. Keep containers covered when not in use. Do not allow material to freeze.

BASIC USES & ADVANTAGES

Decocoat DecoShield Pavement Coating is used for the preservation & beautification of asphalt parking lots and asphalt walkways. The wear properties of **Decocoat DecoShield Pavement Coating** are far superior to traditional asphalt emulsion seal coat products. The greatest improvement in wear occurs during wet exposures, where most coating loss typically occurs. Decocoat DecoShield Pavement Coating covers minor surface cracks and imperfections.

PRODUCT CHARACTERISTICS

DecoCoat DecoShield Pavement Coating	
Density	15.5 lb/gal, 1.85 g/mL [ASTM D1475]
Volume Solids	60% (±2) [ASTM D2697]
Weight Solids	77% (±2) [ASTM D2369]
VOC (calculated)	<25 g/L
Taber Abrasion (Dry - H-10 wheel)	0.78 g/100 cycles [ASTM D4060]
Taber Abrasion (Wet - H-10 wheel)	6.96 g/100 cycles [ASTM D4060]
Freeze Point	32°F (0°C)

APPLICATION INSTRUCTIONS

Substrate 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 pressure 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. If desired, Decocoat Adhesion Promoter Concentrate can be used as part of the application process.

Primer: None needed if asphalt is in good condition without polished aggregates. Adhesion Promoter Concentrate should be used if the asphalt has polished aggregates present (occurs as asphalt ages and wear).

Advantages:

- **Superior Durability...** Engineered to last longer than typical asphalt coatings.
- **Simple and Easy Application...** Spray (textured sprayer), brush, roll, or squeegee the product onto the substrate.
- **Safer for the Environment...** Water-based formula with low odor that won't track onto adjacent surfaces like coal-tar or asphalt emulsion based products.
- **Exceptional Flexibility...** Conforms to expansion and contraction of asphalt surfaces, preventing cracking and other accelerated asphalt damage

Drying Time (Touch Dry)	1-4 hours at 77°F (25°C) and 40% humidity [ASTM D5895] *Required time will increase at higher humidity and/or lower temperatures.
Application Temperature (Air & Concrete)	+50°F - 105°F (Ambient) (10°C - 40°C)
Application Temperature (Pavement Surfaces)	+50°F - 140°F (Ambient) (10°C - 60°C)
Elongation	@ 70°F (21.1°C) >200% (resin only)
Standard Colors	Asphalt, Solar Gray

Application: Decocoat DecoShield Pavement Coating should be applied in two coats at a minimum total rate of 1 gallons/100 ft² (4.1 L/10 m²) depending on the asphalt texture, per coat by squeegee or sprayed using a texture sprayer and back-rolled. Apply in a smooth, generous coat to ensure **Decocoat DecoShield Pavement Coating** fills minor surface cracks and imperfections.

Full cure-through occurs 6 - 24 hours after application and depends on temperature and humidity conditions. Coating must completely cure before opening up to traffic.

For Application Questions: Contact Decocoat Polymer Systems at 1-480-659-7901.

Applicable Standards: ASTM D1475, ASTM 2697, ASTM D2369, ASTM D4060, ASTM D5895

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LIMITATIONS & PRECAUTIONS

Typical "seal coat" sprayers will not spray **Decocoat DecoShield Pavement Coating** due to the special fibers used to minimize mud cracking. They will not allow **Decocoat DecoShield Pavement Coating** to pass through the filter or spray nozzle. A texture sprayer must be used.

Decocoat DecoShield Pavement Coating cannot be applied to freshly coated areas of "seal coat" products as it will not adhere properly.

No precipitation should be expected within 24 hours. Nighttime installations are not recommended but if application must be done overnight, project areas require at least 6 hours of sunlight before opening the area to traffic.

Too high of a film build will cause cracking and/or not full cure-through. Do not open area up to traffic before **Decocoat DecoShield Pavement Coating** fully cures.

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).



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Made in the USA

