vancebrothers®

PRODUCT INFORMATION

ULTRASEAL® Systems Type III

Polymer Modified Asphalt Emulsion Sealer

COMPOSITION

ULTRASEAL® Systems Type III Polymer Modified Asphalt Emulsion Sealer is a highly modified sealer with additional polymers and modifiers specially designed for seal coating asphalt pavements such as low-volume roads, airports, and commercial parking lots . ULTRASEAL® Systems Type III has new technology that protects asphalt pavements with exceptional durability and toughness unmatched by other asphalt sealers while providing a clean, attractive asphalt surface.

PHYSICAL DATA

ULTRASEAL® Systems Type III consists of selected asphalt cements blended with specific choice polymers and mineral fillers to produce the highest quality asphalt pavement sealer. The fast drying capabilities of ULTRASEAL® mean less inconvenience and down time for the property owner. ULTRASEAL® offers a high asphalt content, high softening point, deep black color and excellent adhesion.

APPLICATION

ULTRASEAL® Systems Type III should be applied by mechanical squeegee equipment. Two coats are required to achieve ideal coverage and durability. The pavement must be sound, as well as being free of dirt, dust, clay, sand, vegetation and all other loose materials. Particular attention must be given to the treatment of petroleum residues. All holes, crumbled areas, and cracks should be repaired before sealing. Ambient temperatures should be at least 50 degrees F and rising for application.

MIXING PROCEEDURES

ULTRASEAL® Systems Type III is central plant mixed or can be job mixed with a manufacturers representative on site for initial mixing.

YIELD

20-50 square feet per gallon based on the recommended two coat application. The exact coverage will depend on the application method and the roughness of the surface.

CAUTIONS

ULTRASEAL® Systems Type III must be kept from freezing. Allow new surfaces or patches to cure 60 days before sealing. If the sealed lot is to be striped, a latex traffic paint is recommended as oil base paints will bleed and discolor. Do not apply if rain is imminent or if freezing temperatures are expected within 24 hours.

CLEAN-UP

Tools may be cleaned with water before material dries. Dried material can be removed with an approved solvent. For hands and skin, use a waterless hand cleaner.

TEST METHODS: ASTM D-1010, ASTM D-2939, ASTM D-466, ASTM D-140

	SPECIFICATIONS	*RESULTS*
Solids Content, (Non- Volatiles)%	44% - 48%	Pass
Ash Content of Solids, %	40% - 60%	Pass
Polymer/Asphalt Ratio	2% min.	Pass
Specific Gravity @77 F	1.0 min.	Pass
Adhesion	No Loss	Pass
Flexibility	No Cracking	Pass
Water Resistance	No Recalcification	Pass
Heat Resistance	No Blistering/Sagging	Pass
Impact Resistance	No Chipping	Pass
Homogenity	No Separation	Pass
Drying Time	8 Hours	Pass

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Bringing Integrity to the Surface.

Manufactured By Vance Brothers
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