



Bringing Integrity to the Surface.

PRODUCT INFORMATION

www.vancebrothers.com

ULTRASEAL® Systems Type III Polymer Modified Asphalt Emulsion Sealer

COMPOSITION

ULTRASEAL® Systems Type III is a high solids (up to 62%) polymer modified asphalt emulsion sealer that is engineered to exceed typical sealers in performance and durability. ULTRASEAL® is typically used for 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 and contractor. 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 surface areas, and cracks should be repaired before sealing. Ambient temperatures should be at least 50° F and rising for application.

MIXING PROCEDURES

ULTRASEAL® Systems Type III is designed to be central plant mixed, or can be job mixed with a manufacturers representative on site to ensure accurate and precise mixing and performance of the product.

YIELD

20 to 30 square feet per gallon based on the recommended two coat application. The exact coverage will depend on the application method and the condition of the surface.

CAUTIONS

ULTRASEAL® Systems Type III must be kept from freezing. Allow new surfaces or patches to cure at least 60 days before sealing. If the sealed lot is to be striped, a latex traffic paint is recommended as oil based 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

TEST	SPECIFICATIONS	RESULTS
Solids Content, (Non-Volatiles)%	56% - 62%	Pass
Ash Content of Solids, %	40% - 60%	Pass
Polymer/Asphalt Ratio	4% min.	Pass
Specific Gravity @77 F	1.0 min.	Pass
Adhesion	No Loss	Pass
Flexibility	No Cracking	Pass
Water Resistance	No Solubility	Pass
Heat Resistance	No Blistering/Sagging	Pass
Impact Resistance	No Chipping	Pass
Homogeneity	No Separation	Pass
Drying Time	8 Hours	Pass



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