

ULTRASEAL® Systems Type II

Polymer Modified Asphalt Emulsion Sealer

COMPOSITION

ULTRASEAL® Systems Type II is a high solids (up to 60%) 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 II 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 II 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 II may be applied by brush, squeegee or mechanical spray equipment. 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 PROCEDURES

ULTRASEAL® Systems Type II is designed to be central plant mixed to insure accurate and precise mixing of the product.

YIELD

40-50 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 II 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

	<i>SPECIFICATIONS</i>	<i>RESULTS</i>
Solids Content, (Non- Volatiles)%	44% - 48%	Pass
Ash Content of Solids, %	40% - 60%	Pass
Polymer/Asphalt Ratio	1% 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
Homogeneity	No Separation	Pass
Drying Time	8 Hours	Pass