



AQS

DESCRIPTION:

GemSeal® AQS latex is an additive used with coal tar emulsion seal coats to provide a tougher protective sealing film. AQS should be used in all formulations containing sand to prevent aggregate rollout and increase life of film. AQS latex complies with all ASTM specifications for rubberized coal tar seal coats.

FEATURES:

- **Improved pumping / spraying** - AQS latex optimizes spraying in conventional equipment by reducing viscosity at spraying pressures yielding a uniform spray pattern
- **Consistent superior durability** - wet abrasion testing (ASTM D3910 modified) indicates consistently lower abrasion loss when compared to conventional mixes without latex. Contains XL cross-linking additive component
- **Quick set** - mixes using AQS additive achieve up to 60% faster set (drying) time in the sun or shade when compared to conventional mixes.
- **Improved storage** - latex has shown excellent storage characteristics, up to 1.5 years. Do not allow to freeze
- **Excellent compatibility** - due to the unique surfacants utilized, AQS is compatible with a wide range of sealer mixes. We recommend avoiding contamination with other products when possible. AQS additive is a medium-dark gray colored latex containing proprietary surfacants and modifiers with a minimum solids content of 40%. AQS gives superior performance in the areas of drying time, abrasion resistance and adhesion, resistance to cracking, fast setup and proper sand suspension.

INSTRUCTIONS FOR USE:

While agitating, slowly add mixing water to coal tar emulsion. Dilute AQS latex with equal parts water and slowly add to diluted coal tar emulsion. When materials are completely mixed then slowly add the sand. Continue mixing until all ingredients are uniformly mixed.

Recommended Mix Design Limits

GemSeal Coal Tar Emulsion (RP-355e)	100 gallons
Mix water	30-50 gallons
AQS latex	3-5 gallons
Silica sand	400-600 pounds

APPLICATION:

The coal tar emulsion mix containing AQS latex may be applied by conventional techniques. Allow approximately six hours drying time between coats on hot days. On cooler days with poor drying conditions allow 24 hours between coats. Allow 24 hours curing between last coating and striping with latex paint. Consult GemSeal recommended guidelines for complete information.

COVERAGE:

Application rates for mixes containing AQS latex shall range from 0.10 to 0.15 gallons per square yard.

STORAGE:

Store in a cool, dry area. Avoid freezing. Product is no longer useful after freezing.

CLEAN-UP:

Use soap and water if product is still in emulsion state. Dried latex will be difficult to remove from tools and equipment. Use GemSeal hand cleaner to remove residue from hands.



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CAUTION:

WARNING: This product may contain trace amounts of chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
Fifty-eight percent of the mixture consists of ingredient(s) of unknown acute toxicity.

MANUFACTURING & CUSTOMER SERVICE:

Call (866) 264-8273 to find the nearest GemSeal location to purchase AQS.

GemSeal Pavement Products
Corporate Headquarters:
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GemSeal Pavement Products warrants that for a period of one (1) year from date of purchase this product shall be free from manufacturing defects and shall meet or exceed performance standards listed in the technical data sheet for the product at the time of sale, if used as directed and within the stated shelf life. This Limited Warranty applies only if the product is stored, used, and applied over a properly prepared substrate in strict accordance with applicable specifications and instructions issued by GemSeal Pavement Products. The Limited Warranty will not apply if the product is altered, modified, or misused after it has left the control of GemSeal Pavement Products. GemSeal Pavement Products will not be responsible for defects caused by factors beyond its control, including but not limited to workmanship, application equipment, weather, acts of God, structural failure, condition or movement of substrate, improper additives, poor drainage, ponded water, improper maintenance, damage from snow removal equipment, and normal wear and tear. GemSeal Pavement Products does not warrant that the product or any method of use or application would be suitable for any particular site conditions.

All warranty claims must be submitted in writing, with proof of purchase, to the following address: 3700 Arco Corporate Drive, Suite 425, Charlotte, NC 28273. Unused portions of product must be returned upon request. Replacement of defective product or, at GemSeal Pavement Products' option, refund of the purchase price of defective product shall be the buyer's sole remedy under this Limited Warranty. In no event shall GemSeal Pavement Products be liable for any damages in excess of the purchase price of the defective product. This Limited Warranty does not cover labor costs for product application, replacement, or repair. GEMSEAL PAVEMENT PRODUCTS SHALL IN NO EVENT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, OR SPECIAL DAMAGES, INCLUDING BUT NOT LIMITED TO DAMAGES FOR LOST SALES OR PROFITS, BUSINESS INTERRUPTION, DELAYS, PHYSICAL DAMAGE TO OTHER MATERIALS OR PROPERTY, OR LOSS OF USE OF PROPERTY.

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