



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:

Remove from skin promptly. Keep out of reach of children. Use with adequate ventilation. Read label warnings and MSDS before using. Do not take internally. Harmful or fatal if swallowed. Induce vomiting with syrup of ipecac. Avoid prolonged contact with skin and breathing of vapor or spray mist. Flush skin with water immediately. In case of contact with eyes, flush with water for 15 minutes and get medical attention.

MANUFACTURING & CUSTOMER SERVICE

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