

## TECHNICAL DATA SHEET – Asphalt Emulsion Prime (AE-P)

### DESCRIPTION

AE-P is a cationic slow setting asphalt emulsion designed for use as base stabilization and prime coats.

### PHYSICAL PROPERTIES

- Boiling Point (°F): 212
- Specific Gravity (H<sub>2</sub>O = 1): 1.01
- Solubility in Water: Dispersible
- Appearance and Odor: Brown liquid with Mild Petroleum Odor, Cures Black

PARAMETER	TEST METHOD	MIN	MAX
<b>Tests on Emulsion</b>			
Saybolt Furol Viscosity, SFS @ 122 °F	AASHTO T72	15	150
Sieve Test	AASHTO T59	----	0.1
Demulsibility, 35 mL of 0.10 N CaCl <sub>2</sub> , %	AASHTO T59	----	70
Storage Stability, 24 hr, %	AASHTO T59	----	1.0
<b>Asphalt Emulsion Distillation, to 500°F followed by cutback asphalt distillation of residue to 680°F</b>			
Residue after both distillations, % by weight	AASHTO T59 & T78	40	----
Total oil distillate from both distillations, % by volume	AASHTO T59 & T78	25	40
<b>Tests on Residue</b>			
Solubility, %	AASHTO T44	97.5	----
Float test	AASHTO T50	50	200

Storage		Application Temps	
Grade	Recommended Max Storage Temp	Recommended Range	Max Allowable
AE-P	180°F	100-170°F	180°F

**Transportation:** USDOT Not Regulated

### LIMITATIONS

Proper storage, handling, and application guidelines must be followed carefully for best results. As with any emulsion, do not allow the material to freeze or boil because of aggressive heating. AE-P IS NOT COMPATIBLE WITH ANIONIC EMULSIONS (RS, QS, SS, etc.). All equipment should be thoroughly cleaned if anionic emulsion was previously present.

### CAUTION

For industrial use only. Refer to SDS for further information.

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