

# Emulsified Asphalt Prime

Emulsified Asphalt Prime (or EAP) is a cationic emulsion used for priming and tacking. The material is applied through a distributor at a rate of .10 to .30 of a gallon per square yard depending on the surface to be treated. A small test section should be done prior to full production to determine proper application rate unless otherwise specified.

## Physical Properties

- Boiling Point – Approximately 100°C (212° F)
- Weight Per Gallon – 8.4 lbs.
- Percent Volatiles – None
- Solubility in Water – Dispersible
- Appearance – Brown Liquid
- Odor – Mild Petroleum Odor
- Flammability – Non-Flammable (liquid)

## Specifications for Emulsified Asphalt Prime

Property		Test Procedure (AASHTO)	Specification	
			Min	Max
Viscosity, Saybolt-Furol, 25°C (77°F), sec		T59, T72	20	100
Sieve Test, %		T59	—	0.1
Particle Charge		—	Positive	
Distillation Test	Residue by distillation, % by weight	T59	57	—
	Oil Distillate, % by volume		—	3
Tests on Residue from Distillation	Penetration, 25°C (77°F), 100 g, 5 sec	T49, T59	40	90
	Ductility, 25°C (77°F), 5 cm/min, cm	T51, T59	40	—

## Handling

Protect the emulsion from freezing.  
 Avoid overheating the emulsion.  
 Avoid excessive pumping with high shear pumps, especially if the emulsion is cool.

## Storage and Application

Grade	Recommended Maximum Storage Temperature, °F	Application Temperatures (°F)	
		Recommended Range	Maximum Allowable
EAP	140	50-130	140

## Transport

Regulatory Information	UN Number	Proper Shipping Name	Class	PG	Label
USDOT					Not Regulated



**Quality Emulsion for Every Application**

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