

Cationic Slow Setting Emulsion-CSS1H

Product Data Sheet



Description and Physical Properties

Cationic Slow Setting Emulsion is blends of selected bitumen 60/70 grade and soap solution contains water, emulsifier, acid. They are used for a variety of applications, including tack, patch mixes and cool temperature surface treatments.

Physical Properties

Appearance	Dark brown to black liquid
Odor	Characteristic asphaltic odor - especially when hot

Specifications

Conform to ASTM D977	
Product Type	Cationic Slow Setting Emulsion.
Product Code Name	WOQOD CSS 1H

Major Tests

	Method	Min	Max
Viscosity @ 25°C sec	D 244	20	100
Residue from distillation to 260°C, %	D 6997	57	-
Sieve Test %	D 6933	-	0.1
Solubility in trichloroethylene, %	D 2042	97.5	-
Cement Mixing, %	D 6935	-	2.0

Typical Material Use	Specifically for road constructions
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Storage allowable Temperature	60°C maximum.
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Application Temperatures	35°C to 60°C
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Storage and Handling

The water-based emulsion should not be exposed to freezing temperatures or overheating. The cationic emulsion is a chemically stabilized system, so care should be taken not to upset the chemical balance with contamination by chemicals, over-exposure to air, or adverse mechanical or thermal conditions. Before being filled, tanks and trucks should be examined for possible contaminants.

Product Quality

To ensure CSS 1H quality its duly tested by certified third party laboratory to make sure the products meet your specifications and products are delivered both on spec and on time.