

2358 BITUMINOUS PRIME COAT

2358.1 DESCRIPTION

This work consists of treating a prepared base with bituminous material prior to placing a bituminous pavement.

2358.2 MATERIALS

A Medium Curing Liquid Asphalt

Provide Medium Curing Liquid Asphalt in accordance with 3151.2.B, "Medium Curing Liquid Asphalt," for MC-30 or MC-70.

2358.3 CONSTRUCTION REQUIREMENTS

A Restrictions

A.1 Base Moisture Content

Place bituminous prime coat on a prepared base when the base moisture content of the upper 3 in [80 mm] is less than 65 percent of optimum moisture content.

A.2 Traffic

If road is open to traffic, maintain traffic in at least one direction and only close a portion of the traveled way for construction, not to exceed 50 percent.

B Equipment

Use a distributor in accordance with 2360.3.B.2.d, "Distributor."

C Application

Apply the bituminous prime coat at a continuous uniform spread rate of 0.1 gal per cu. yd to 0.3 gal per cu. yd [0.45 L per cu. m to 1.35 L per cu. m].

D Bituminous Temperature

Apply MC-30 bituminous prime coat at temperatures from 85 °F to 145 °F [29 °C to 63 °C]. Apply MC-70 bituminous prime coat at temperatures from 120 °F to 180 °F [49 °C to 82 °C].

2358.4 METHOD OF MEASUREMENT

The Engineer will measure bituminous material for prime coat by volume at 60 °F [15 °C].

2358.5 BASIS OF PAYMENT

The contract gallon [liter] price for *Bituminous Material for Prime Coat* includes the costs of providing and applying the material as required by the contract.

The Department will pay for bituminous prime coat on the basis of the following schedule.

Item No.:	Item:	Unit:
2358.501	Bituminous Material for Prime Coat	gallon [liter]

2360 PLANT MIXED ASPHALT PAVEMENT

2360.1 DESCRIPTION

This work consists of constructing plant mixed asphalt pavement on a prepared surface.

Plant mixed asphalt pavement designed according to a gyratory mix design method for use as a pavement surface.

A Mixture Designations

The Department will designate the mixture for asphalt mixtures in accordance with the following: