

## SECTION 408 - PRIME COAT

**408.01 Description.** This work includes preparing and treating an existing surface with bituminous material and blotter material, if required, according to the contract. \*

**408.02 Materials.**

**(A) Bituminous Material.** Bituminous material for prime coat shall be a medium curing liquid asphalt, Grade MC-30 or MC-70, according to Section 702 - Bituminous Materials. \*

The Contractor shall submit a Certificate of Compliance accompanied by test data, according to AASHTO M 82 Cut-Back Asphalt (Medium Curing Type), for each lot or batch. \*

**(B) Other Materials.** Other materials shall conform to following: \*

Blotter Material	703.14
------------------	--------

Water	712.01
-------	--------

**408.03 Construction Requirements.**

**(A) Weather Limitations.** The Contractor shall not apply bituminous material when the temperature is below sixty (60) degrees Fahrenheit on surfaces that has free-standing water. Also, the Contractor shall not apply bituminous material when weather conditions prevents the proper construction. \*

**(B) Equipment.** The Contractor shall provide equipment for heating and applying the bituminous material. This equipment shall conform to Subsection 405.03(B) - Equipment. |

**(C) Preparation of Surface.** The Contractor shall prepare the surface according to the contract. \*

The Contractor shall prime the surface immediately after the Engineer accepts the surface. The preservation of the prepared surface is the Contractor's responsibility. The Contractor shall reprocess or reshape the surface at no cost to the State. \*

If there is a delay in priming, the Contractor shall reprocess or reshape the surface. \*

(D) **Application of Bituminous Material.** The Contractor shall apply the bituminous material by a pressure distributor in a uniform, continuous spread. \*

The Contractor shall take care that the application of bituminous material at the junctions of spreads is not over the specified quantity. The Contractor shall squeegee or blot the excess bituminous material from the surface as ordered by the Engineer. The Contractor shall use the hand sprays to cover areas inaccessible to the distributor or to correct deficient areas. \*

The Contractor shall submit for acceptance the quantities, rate of application, temperatures and areas to be treated before application of the prime coat. |

The application rate of the prime coat shall be approximately 0.35 gallon per square yard. |

(E) **Protection of Prime Coat.** The Engineer will not permit traffic on the primed surface until the surface absorbs the bituminous material completely. The Contractor shall allow the prime coat to cure for not less than twenty-four (24) hours. \*

The Engineer may allow the use of blotter material over the primed surface where traffic conditions warrant its use. The Contractor shall apply the blotter material as ordered by the Engineer. \*

The Contractor shall sweep the loose blotter material from the primed surface before the Contractor places an upper surface course. \*

**408.04 Method of Measurement.** The Engineer will measure the bituminous material by the gallon or ton according to Section 109 - Measurement and Payment. \*

If not shown in the proposal, the Engineer will not measure bituminous material for tack coat for payment. \*

If blotter material is a contract item, the Engineer will measure blotter material by the cubic yard or ton according to Section 109 - Measurement and Payment. \*

**408.05 Basis of Payment.** The Engineer will pay for the accepted quantities of prime coat at the contract unit price per gallon or per ton for bituminous material complete in place. \*

When the proposal specifies blotter as a contract item, the Engineer will pay for the accepted quantities of blotter material at the contract unit price per cubic yard or ton complete in place. |

408.05

The Engineer will make payment under:

\*|

Pay Item	Pay Unit
_____ Liquid Asphalt for Prime Coat	Gallon
_____ Liquid Asphalt for Prime Coat	Ton
Blotter Material	Cubic Yard
Blotter Material	Ton

If not shown in the proposal, the Engineer will not pay for the prime \*|  
coat or blotter material separately. The Engineer will consider them |  
incidental to the various contract items. |