

TECHNICAL SPECIFICATIONS  
FOR  
TACK COAT

1. Description

This work shall consist of the application of bituminous material on a prepared base course, binder course, or existing pavement to provide a bond for superimposed course, in accordance with the requirements of these Specifications.

2. Materials

Bituminous materials used shall conform to the following:

AC-20	AASHTO M-226
Cut-Back Asphalt Grade No. RC-70 or RC-250	AASHTO M-81
Emulsified Asphalt SS-1, SS-1H, CSS-1, CSS-1H	AASHTO M-140

3. Equipment & Construction Requirements

(a) Equipment and Construction Requirements shall conform to Subsections 403.03 to 403.05 of the TDOTSS, January 1, 2021, and all Supplemental Specifications pertaining thereto through the date of advertisement of this Contract.

(b) The ranges of application temperatures in degrees Fahrenheit shall be as follows:

AC-20	375-400 F
RC-70	80-150 F
RC-250	100-175 F
SS-1, SS-1H	
CSS-1, or	
CSS-1H	60-140 F

(c) Special care shall be given to the application of a "paint coat" of tack coat material to curbs, the edges of manholes and catch basins and to the cold edge of bituminous material to secure an even coating of tack coat material so that a tight, waterproof bond is secured when the hot plant mix material is placed against these surfaces.

The application rate of tack coat shall be as noted on Plans or as directed by the Engineer. Tack coat shall be applied only so far in advance of the paving operation as is necessary to obtain the proper condition of tackiness.

4. Method of Measurement

Bituminous material will be measured by the number of gallons used in the accepted work, as determined by the Engineer, and at the temperature of application.

5. Payment

Tack Coat will be paid at the Contract unit price per gallon and shall be full compensation for all work, materials, labor, and incidentals required to complete the work in accordance with the Plans and Specifications.