

**601 - ASPHALT APPLICATION TEMPERATURES**

**SECTION 601**

**ASPHALT APPLICATION TEMPERATURES**

**601.1 DESCRIPTION**

The application temperatures for the various type and grades of asphalts shall be within the ranges listed in **TABLE 601-1** or as specified on the asphalt producer’s Bill of Lading.

<b>TABLE 601-1: ASPHALT APPLICATION TEMPERATURES</b>				
<b>TYPE AND GRADE</b>	<b>TEMPERATURE RANGE</b>			
	<b>(°F)</b>			
	<b>Spraying</b>		<b>Plant Mixing</b>	
	<b>Min.</b>	<b>Max.</b>	<b>Min.</b>	<b>Max.</b>
Asphalt Binder	275	340	*	*
Asphalt Cement (AC-20-5TR)	325	350	NA	NA
Asphalt Cement (AC-20-XP)	325	350	NA	NA
Asphalt Cement (AC-10-2TR)	300	350	NA	NA
Asphalt Cement (AC-10-XP)	300	350	NA	NA
Cutback Asphalt, MC 30	88	125	88	125
Cutback Asphalt, MC & RC 70 & 250	125	200	125	200
Cutback Asphalt, MC & RC 800 & 3000	150	250	150	250
Asphalt Rejuvenating Agent, ARA-1P	70	150	70	150
Emulsified Asphalt, CRS-1H, RS-1H, SS-1HP, CMS-1, MS-1, HFMS-1, RS-1HP, CRS-1HP	100	180	100	180
Emulsified Asphalt, SS-1H, CSS-1H	None	150	None	150
Emulsified Asphalt, CSS-1HM, CSS-Special	None	120	None	120
EBL	120	180	NA	NA

\* Use the Producer’s recommended mixing temperature range.

All asphalt binders and cutback asphalts reheated to temperatures 50°F more than the maximum in **TABLE 601-1** will be considered overheated and may be rejected pending re-sampling and re-testing of the material at the discretion of the Engineer.

All emulsified asphalts reheated to temperatures above the maximum shown above will be considered overheated and may be rejected pending re-sampling and re-testing of the material at the discretion of the Engineer.