

3000701 PRIME AND TACK COATS

COMMENTS FROM INTERNAL/INDUSTRY REVIEW



Steven Cohoon  
(352)689-4400

Comments: 7-5-23 (Industry Review)

The justification for the change of when a prime coat is to be utilized does not seem reasonable. Utilizing ascetic reasoning to justify/allow the contractor to skip a prime coat application. The non bonding is likely due to not allowing the tack to break before driving on it. Further, from a constructability/inspection standpoint, how does one argue whether or not the base was protected from rain sufficiently? How does an inspector argue whether or not a specific section of finally prepared base was completed 23 hours ago V's 24.5 hours ago. I believe the change is too ambiguous.

Response:

The bonding issues driving this change were experienced after the prime had broken, so driving on it before it broke was not the cause of the prime pickup up. In fact, in several cases it came up in sections, like sheets of plastic. As far as timeframe questions, you would apply this spec as you would apply other specs that have similar time frame requirements. As far as sufficient protection from rain, 300-7 discusses not having moisture content above optimum moisture content and if there happened to be any erosion of the earthwork base, that would be addressed with base specs dealing with workmanship.

Action:

Please proceed with proposed Specification change as previously submitted.



Deborah Ihsan  
(954)777-4387

Comments: 7-11-23 (Industry Review)

Comments from John Hart( CEI) CPC- "This change will be beneficial in preventing the problems with tire tracking of prime coat and should not cause problems if it is enforced as written. Comments from Jose – The specs may reiterate that "when no priming is done, the tack coat rate shall match to what is provided in table 300-1 of specs."

Response:

Thanks for the comments and agreed the change is in fact driven to prevent problems with tire tracking of prime coat and should not cause problems if enforced as written.

Asphalt mix would be placed on the unprimed base, and tack would not be applied to the unprimed earthwork base.

Action:

Please proceed with proposed Specification change as previously submitted.

