

/

(Bitumen)

(Tars)

. (Carbon Disulfide)
(Bituminous Material)
%

-:

Asphalts :

Tars :

-: :

-

) (Bitumen)

%

(Asphalt Cement

(-) -
(-) -
(-) -
(-) -
(-) -

(-) () (-)

Tars -

..(Destructive Distilatf.on)
(tars) Road

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(Hydrocarbon) :-

(Asphalt teen)

()

(Resin)

(Oil)

()

()

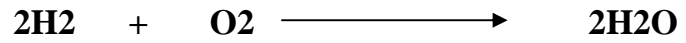
()

(Bitumen)

(% -)

(% -)

"
-:



(Oil)

()

()

(

(asphalt plant) ()

(

%

()

(

()

(

(

Steel Rollers)

(

- :

(ABSOM)

(-) ()

-:

(

"

(

-:
(-)

(-) (-)

..
(blown Asphalt)
(-)

(Grade)

-:

(Ductility)

•
•

....

شكل رقم (٥)

Suggested Temperatures for use of Asphaltic Materials

Type and grade of Asphalt	Suggested Temperature for use F.	
	For mixing	For spraying
Ashalt cements		
40 – 50 penetration	300 – 350	285 – 350
60 – 70 penetrtrion	275 – 325	285 – 350
85 – 100 penetration	275 – 325	285 – 350
120 – 150 penetration	200 – 275	260 – 325
200 – 300 penetration		
RC Liquid Asphalts		
RC – 0	50 – 120	65 – 135

RC - 1	80 - 125	110 - 180
RC - 2	80 - 150	140 - 210
RC - 3	125 - 175	170 - 240
RC - 4	150 - 200	180 - 255
RC - 5	175 - 225	215 - 285
MC Liquid Asphalts		
MC - 0	50 - 120	70 - 140
MC - 1	80 - 150	110 - 185
MC - 2	110 - 200	140 - 215
MC - 3	150 - 200	175 - 215
MC - 4	175 - 225	190 - 265
MC - 5	220 - 250	220 - 290
SC Liquid Asphalts		
SC - 0	50 - 120	70 - 140
SC - 1	80 - 200	110 - 185
SC - 2	150 - 200	140 - 215
SC - 3	175 - 250	175 - 215
SC - 4	175 - 250	190 - 265
SC - 5	200 - 290	220 - 290
Asphalt Emultions		
RS - 1		75 - 130
RS - 2		110 - 160
NS - 2	100 - 160	100 - 160
SS - 1	75 - 130	75 - 130
SS - 1	75 - 130	75 - 130

شكل رقم (٦)

Table no.(6) Recommended minimum placement temperatures

Matthickness in (cm)								
Base temp. F	1/2(1)	3/4(2)	1(2.5)	1-1/2(4)	2(5)	3(7.5)	3-1/2(9)	4(10)

20 – 32							275	260
-32 – 40					295	280	270	260
-40 – 50				300	285	275	265	255
-50 - 60				295	280	270	260	255
-60 – 70		300	300	285	275	265	255	250
-70 – 80	300	290	290	280	270	265	255	250
-80 – 90	290	280	285	270	265	260	250	250
-90	280	275	275	265	260	255	250	255
Raling comPilete after plecing-time min	4	6	8	12	15	15	15	15