
Guide lines for asphalt requirements to produce 4"to5" stabilized base

Existing Material

<u>Bit Surface</u>		<u>Gravel Base</u>		<u>Total lbs.</u>		<u>Additional Bit Needed</u>	
Inches	lbs.	Inches	lbs.		%	lbs.	Gal. / yd. sq.
0	0	4	440	440	5%	22	2 ½
1	110	3	330	440	4%	17.6	2
2	220	2	220	440	3%	13.2	1 ½
3	330	1	110	440	2%	8.8	1

Notes : Asphalt cement generally weighs 8.5 lbs. / gallon

Generally accepted asphalt content is 4 % to 5 %

Typical asphalt surfaces contain 5.5 % to 7.5 % - average 6 %
(6.6#/inch)

Reclaimable bit. from existing mats varies between 50%(3.3#/in.)
and 75% (4.95#/in.) depending on particle size produced by
pulverizing equipment.

One inch of pulverized asphalt needs approximately .07 gal. to
.25 gal. / yd. sq. to produce the required asphalt content.

One inch of gravel needs approximately .50 gal. to .60 gal. /
yd. sq. to produce the required asphalt content.