

HOT - MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s)	H M A SURFACE COURSE	LEVELING BINDER (MM)	HOT - MIX ASPHALT BASE COURSE	HOT - MIX ASPHALT SHOULDERS (SURFACE LIFT)	HOT - MIX ASPHALT SHOULDERS (LOWER LIFTS)	INCIDENTAL SURFACE COURSE
AC/PG	PG 64-22	SBS OR SBR 76-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)**	15 %	10 %	25 %	15 %	25 %	15 %
Design Air Voids	4.0 % @ N = 50	4.0 % @ N = 50	4.0 % @ N = 50	3.0 % @ N = 50	4.0 % @ N = 50	4.0 % @ N = 50
Mixture Composition (Gradation Mixture)	IL 9.5 or IL 12.5	IL 4.75	IL 12.5	IL 9.5 or IL 12.5	IL 19.0	IL 9.5 or IL 12.5
Friction Aggregate	MIXTURE "D" (Dolomite Only)	N/A	N/A	MIXTURE "C"	N/A	MIXTURE "C"

Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size.

RATES:

FOR ALL HOT MIXES, 112 lbs/Sq.Yd.in.

FOR AGGREGATE WEDGE SHOULDERS TYPE B 2.05 TON/CU.YD

POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) RATES

Surface Type	Estimated Truck Application Rate	Residual Rate
Milled (HMA or PCC)	0.08 gal/sy (0.00034 ton/sy)	0.04 gal/sy
Existing Pavement	0.05 gal/sy (0.00022 ton/sy)	0.025 gal/sy
Fog Coat (between lifts)	0.05 gal/sy (0.00022 ton/sy)	0.025 gal/sy

Note: Estimated truck application rate is used for estimating quantities.