

<b>Application Rates and Weights for Estimating Purposes</b>	
<b>Material</b>	<b>Application Rate or Unit Weight</b>
Aggregate Base	2225 kg/m <sup>3</sup> (139.0 lb/ft <sup>3</sup> )
Hot Asphalt Mix	2325 kg/m <sup>3</sup> (145.2 lb/ft <sup>3</sup> )
Asphalt Binder	6.0% by weight of mix
Antistrip	1.0% by weight of mix
Prime Coat (Using Asphalt Cutbacks)	0.90 to 2.25 l/m <sup>2</sup> (0.10 to 0.50 gal/yd <sup>2</sup> ) assume 1.50 l/m <sup>2</sup> (0.33 gal/yd <sup>2</sup> ) for estimating
Prime Coat (Using Asphalt Emulsion*)	0.30 to 1.20 l/m <sup>2</sup> (0.10 to 0.40 gal/yd <sup>2</sup> ) assume 1.20 l/m <sup>2</sup> (0.27 gal/yd <sup>2</sup> ) for estimating
Prime Coat (Using Asphalt Cutbacks)	1047 l/t (251 gal/ton)
Blotter (specified in conjunction with prime coat)	8.0 kg/m <sup>2</sup> (14.75 lb/yd <sup>2</sup> )
Tack Coat (Using Asphalt Emulsion*)	0.25 to 0.70 l/m <sup>2</sup> (0.05 to 0.15 gal/yd <sup>2</sup> ) assume 0.45 l/m <sup>2</sup> (0.10 gal/yd <sup>2</sup> ) for estimating
Fog Seal (Using Asphalt Emulsion*)	0.25 to 0.70 l/m <sup>2</sup> (0.05 to 0.15 gal/yd <sup>2</sup> ) assume 0.45 l/m <sup>2</sup> (0.10 gal/yd <sup>2</sup> ) for estimating
Fog, Tack, and Prime Coats (Using Asphalt Emulsion*)	993 l/t (233 gal/ton)
Concrete	2485 kg/m <sup>3</sup> (155.0 lb/ft <sup>3</sup> )
Magnesium Chloride	0.30 l/m <sup>2</sup> (0.20 gal/yd <sup>2</sup> ) per application specific gravity of 1.3 Requires 2 applications

\* If the project uses the FP-03 calculate quantity based on area and use this value in your estimate because the FP-03 pays for the water to dilute.