

ASPHALT TONNAGE CHART

Fourteen driveway sizes at three compacted depths, in the unit a plant actually sells in, which is tons rather than yards.

Asphalt is bought by weight, not volume, and hot mix runs about 145 pounds per compacted cubic foot. Area times depth gives the volume, density turns that into pounds, and 2,000 pounds is a ton.

Depth in this table is compacted depth, which is what you end up with. Laid depth is roughly a quarter more than that before the roller goes over it.

Tons of asphalt by driveway size and depth

Driveway	Area	2 in	3 in	4 in	Base stone at 4 in
10 x 20 ft	200 sq ft	2.42	3.63	4.83	
10 x 30 ft	300 sq ft	3.63	5.44	7.25	
12 x 24 ft	288 sq ft	3.48	5.22	6.96	
12 x 30 ft	360 sq ft	4.35	6.53	8.7	
12 x 40 ft	480 sq ft	5.8	8.7	11.6	
12 x 50 ft	600 sq ft	7.25	10.88	14.5	
14 x 40 ft	560 sq ft	6.77	10.15	13.53	
16 x 40 ft	640 sq ft	7.73	11.6	15.47	
20 x 40 ft	800 sq ft	9.67	14.5	19.33	
20 x 50 ft	1,000 sq ft	12.08	18.13	24.17	
24 x 40 ft	960 sq ft	11.6	17.4	23.2	
24 x 60 ft	1,440 sq ft	17.4	26.1	34.8	
30 x 50 ft	1,500 sq ft	18.13	27.19	36.25	
40 x 60 ft	2,400 sq ft	29	43.5	58	

Tons of hot mix at 145 lb per compacted cubic foot. The last column is the crushed stone base under it, in tons, at 4 inches.

Every figure on this sheet was produced by the same calculator that runs at contractorhandbook.com, free and with no signup.

These are estimating figures for ordering and pricing, not engineering. Nothing here sizes a structural member, checks a load, or replaces local code, a permit, or a manufacturer's installation instructions. Where a rule of thumb is doing the work it is written into the notes under each table rather than hidden.