

PUG MILL MIX AGGREGATES

The following criteria must be observed when summarizing quantities:

Imperial Projects:

1. Aggregate base or subbase materials:
The pavement recommendation will show an in-place dry weight of aggregate to be used in pounds per cubic foot.

For example: 145 lbs. per cubic foot

$$\frac{145 \times \text{Volume (Cu. Ft.)}}{2000} = \text{tons of Aggregate (dry weight)}$$

Add 6% to tons of aggregate for moisture correction.

2. If cement stabilized:
To determine the amount of cement required (tons): Compute *4% of the total dry weight of the aggregate in pounds and divide by 2000.

*4% cement by weight is the usual rate but should another rate be recommended in the pavement design, it is to be used.

Metric Projects:

1. Aggregate base or subbase materials:

The pavement recommendation will show an in-place dry weight of aggregate to be used in kilograms per square meter per millimeter of depth.

For example: 2.4 kg/m²/mm

$$\frac{2.4 \times \text{Area(m}^2\text{)} \times \text{Depth(mm)}}{1000} = \text{Metric Tons of Aggregate (dry weight)}$$

Add 6% to metric ton(s) of aggregate for moisture correction.

2. If cement stabilized:

To determine the amount of cement required (metric ton):