



MIL THICKNESS

Coverage Rates

Coverage rates for coatings are a simple mathematical formula. Mil or mil thickness is the common measurement for coatings. One mil equals 1/1000 of an inch. 250 mils would be 1/4" thick. To determine the dry mil of actual remaining product on the floor, the solids content and the rate of coverage must be known to estimate the dry mils.

RATE OF COVERAGE SQUARE FEET PER GALLON	100 % SOLIDS	60% SOLIDS
1604 sf/gal	1 mil	0.60 mils
600 sf/gal	2.66 mils	1.60 mils
500 sf/gal	3.20 mils	1.92 mils
400 sf/gal	4 mils	2.4 mils
300 sf/gal	5.33 mils	3.20 mils
200 sf/gal	8 mils	4.80 mils
100 sf/gal	16 mils	9.60 mils
80 sf/gal	20 mils	12 mils
60 sf/gal	26.75 mils	16.05 mils

1 Mil is just a starting point; however, it would not be possible to apply a floor coating at 1 Mil. Typical application rates for 100% solids are 5 to 6 mils for the first coat and 10 to 15 mils for the top coat. Water borne epoxies (60% solids) would normally be applied at 400 sf/gal or 2.4 mils per gallon.