

REVISION 04/23/20

WHEN YOU KNOW	MULTIPLY BY	TO FIND
Area		
Square Inches	6.45163	Square Centimeters
Square Centimeters	0.155	Square Inches
Square Feet	0.0929	Square Meters
Square Meters	10.76387	Square Feet
Square Yards	0.83613	Square Meters
Square Meters	1.19599	Square Yards
Length		
Inches	0.0254	Meters
Meters	39.37	Inches
Feet	0.3048	Meters
Meters	3.2808	Feet
Yards	0.9144	Meters
Meters	1.09361	Yards
Miles	1.609	Kilometers
Kilometers	0.621	Miles
Weight		
Ounces	28.35	Grams
Grams	0.033527	Ounces
Pounds	0.45359	Kilograms
Kilograms	2.20462	Pounds
Net Ton	0.90719	Metric Ton
Metric Ton	1.10231	Net Ton
Gross Ton	1.01605	Metric Ton
Metric Ton	0.98421	Gross Ton
Slope		
Inch/Floor	8.33	Slope (%)
Centimeters/Meter	8.33	Slope (%)
Volume		
Cubic inch (cuin)	0.016387	Liters
Liters	61.023	Cubic inch (cuin)
Cubic feet (cuft)	28.316	Liters
Liters	0.035317	Cubic feet (cuft)
Quarts	0.94636	Liters
Liters	1.05668	Quarts
Gallons	3.78543	Liters
Liters	0.26417	Gallons
Miscellaneous		
Pounds per liner inch	0.1752	Kilonewtons/m
Mega pascals	145.038	Lbs/sqin
Pounds per gallon	119.7	Grams/liter

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Rate		
Gallons/100 sqft	0.4075	Liters/sqm
Liters/sqm	2.45399	Gallons/100 sqft
Pounds/sqft	4.882	Kilograms/sqm
Kilograms/sqm	0.20483	Pounds/sqft
Thickness		
Mil	25.4	Micron

How to Calculate Mil Thickness

Theoretical: 1 gallon of 100% solids material applied over 100 sqft yields 16 dry mils.

Dry Mil Thickness =

$$\frac{\text{Gallons per 100 ft}^2 \times 16 \times \% \text{ Solids by Volume}}{100}$$

Gallons per 100 ft² =

$$\frac{\text{Dry Mil Thickness} \times 100}{16 \times \% \text{ Solids by Volume}}$$

Slope

Inch/Floor	8.33	Slope (%)
Centimeters/Meter	8.33	Slope (%)

Measures of Length/Area

12 inches = 1 foot	1 sq. ft. = 144 sqin
1 sqyd = 9 sqft	1 sq. mile = 640 acres
1 acre = 4840 sqyd = 43,560 sqft	
100 sqmm = 1 sqcm	10,000 sqcm = 1 sqm

Measures of Weight

16 ounces = 1 pound	1000 grams = 1 kg
2000 pounds = 1 net ton	1000 kg = 1 metric ton

Sealant Estimation

Linear feet per full gallon (231 cubic inch)

Coverages and yields shown do not include allowances for loss or waste and variations in job conditions. Each user must establish their own factors for loss from experience.

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