



| <u>When You Know</u> | <u>Multiply By</u> | <u>To Find</u> |
|--------------------------|--------------------|--------------------------|
| Area | | |
| Inches ² | 6.45163 | Centimeters ² |
| Centimeters ² | 0.155 | Inches ² |
| Feet ² | 0.0929 | Meters ² |
| Meters ² | 10.76387 | Feet ² |
| Yards ² | 0.83613 | Meters ² |
| Meters ² | 1.19599 | Yards ² |
| 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 | | |
| Inches ³ | 0.016387 | Liters |
| Liters | 61.023 | Inches ³ |
| Feet ³ | 28.316 | Liters |
| Liters | 0.035317 | Feet ³ |
| 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. per sq. in. |
| Pounds per gallon | 119.7 | Grams per liter |

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|-----------------------------|--------------------|-----------------------------|
| Rate | | |
| Gallons/100 ft ² | 0.4075 | Liters/m ² |
| Liters/m ² | 2.45399 | Gallons/100 ft ² |
| Pounds/ft ² | 4.882 | Kilograms/m ² |
| Kilograms/m ² | 0.20483 | Pounds/ft ² |
| Thickness | | |
| Mil | 25.4 | Micron |

How to Calculate Mil Thickness

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

$$\text{Dry Mil Thickness} = \frac{\text{Gallons per 100 sq.ft.} \times 16 \times \% \text{ Solids by Volume}}{100}$$

$$\text{Gallons per 100 sq. ft.} = \frac{\text{Dry Mil Thickness} \times 100}{16 \times \% \text{ Solids by Volume}}$$

Measures of Length

12 inches = 1 foot 1 sq. ft. = 144 sq. in.
 1 sq. yd. = 9 sq. ft. 1 sq. mile = 640 acres
 1 acre = 4840 sq. yd. = 43,560 sq. ft.
 100 mm² = 1 cm² 10,000 cm² = 1 m²

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)

| | | Width of Joint | | | | | | |
|----------------------|----|----------------|-----|-----|-----|-----|----|----|
| | | ¼" | ⅜" | ½" | ⅝" | ¾" | ⅞" | 1" |
| Depth of Joint | ¼" | 308 | 205 | 154 | 123 | 102 | 88 | 77 |
| | ⅜" | 205 | 136 | 102 | 82 | 68 | 58 | 51 |
| | ½" | 154 | 102 | 77 | 61 | 51 | 44 | 38 |
| | ⅝" | 123 | 82 | 61 | 49 | 41 | 35 | 30 |
| | ¾" | 102 | 68 | 51 | 41 | 34 | 29 | 25 |
| | ⅞" | 88 | 58 | 44 | 36 | 29 | 25 | 22 |
| | 1" | 77 | 51 | 38 | 30 | 25 | 22 | 19 |

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.

