

## TABLES & CONVERSIONS

### COVERAGE FOR COATINGS OR MEMBRANES

Thickness of Coating	Coverage per U.S. Gallon 100% Solids
1/4 in = 250 mils	6.4 sq. ft.
3/16 in = 187.5 mils	8.5 sq. ft.
1/8 in = 125 mils	12.8 sq. ft.
.1 in = 100 mils	16.0 sq. ft.
1/16 in = 62.5 mils	25.5 sq. ft.
.05 in = 50 mils	32.0 sq. ft.
1/32 in = 31.25 mils	51.0 sq. ft.
.02 in = 20 mils	80.0 sq. ft.
1/64 in = 15.625 mils	102.0 sq. ft.
.01 in = 10 mils	160.0 sq. ft.
.005 in = 5 mils	320.0 sq. ft.
.001 in = 1 mils	1600.0 sq. ft.

If coating contains a solvent that will evaporate, thickness of coating will be reduced by same percentage as solvent loss.

**Example:** Product contains 30% solids by volume and is applied at 320 ft<sup>2</sup>/gal (5 mils wet). Dry film thickness (after solvent evaporates) is 30/100 x 5 mils = 1.5 mils.



### EPOXY MORTAR

#### Epoxy Mortar Yield per Gallon of Epoxy Binder

Epoxy Binder Gal.	Aggregate Gal.*	Mortar Gal.
1	1	1.6
1	2	2.2
1	3	2.8
1	4	3.4
1	5	4.0

\* With other aggregates, figure will vary with mesh size and amount of entrained air.

#### COVERAGE PER GALLON OF EPOXY MORTAR (Epoxy Binder + Sand)

Thickness, Inches	Coverage, sq. ft.
1/16	25.7
1/8	12.8
3/16	8.6
1/4	6.4
3/8	4.3
1/2	3.2

#### SPECIFIC WEIGHT

1 pound water = 27.7 cubic inches =  
0.1198 gallons

1 cubic foot water = 62.43 pounds

1 gallon water = 8.345 pounds

#### WATER/CEMENT RATIO

Multiply W/C by 11.3 to obtain gallons per  
bag of cement

Example: w/c = .4 .4 x 11.3 = 4.52 gallons

#### AGGREGATE EXTENSION

Using Silica Sand

Number of Pounds/165.36 = additional cu. ft