

Coverage Conversion Tables

The following table indicates the coverage requirements (in square feet per gallon or ounces per square yard for practical tests – or in milliliters per unit area for laboratory tests). The mil wet thickness column is repeated on the right-hand side of the chart (along with a micron column) for convenient reading.

In order to obtain dry film thickness, it would be necessary to multiply by the solids content and divide by the film specific gravity.

Thickness of Spread (wet film* mils)	Square Ft Per U.S. Gallon	Fluid Oz Per Sq Yd	Milliliters Per			Thickness of Spread	
			Sq Yd	Sq Ft	1,000 Sq Cm	*Microns	Mils
0.1	16,050	0.07	2.1	0.24	0.26	2.5	0.1
0.5	3,210	0.36	10.6	1.18	1.28	12.7	0.5
1.0	1,605	0.72	21.3	2.37	2.56	25.4	1.0
1.5	1,070	1.08	32.0	3.55	3.83	38.1	1.5
2.0	802	1.44	42.6	4.73	5.11	50.8	2.0
3.0	535	2.15	63.9	7.11	7.66	76.2	3.0
4.0	401	2.88	85.3	9.48	10.20	101.0	4.0
5.0	321	3.58	106.5	11.83	12.70	127.0	5.0
6.0	267	4.30	128.0	14.20	15.30	152.0	6.0
7.0	229	5.03	149.0	16.60	17.90	178.0	7.0
8.0	201	5.75	170.5	18.96	20.40	203.0	8.0
9.0	178	6.45	192.0	21.30	23.00	228.0	9.0
10.0	160	7.20	212.9	23.65	25.60	254.0	10.0

*Note: 1 mil = 0.001 inch 1 micron = 0.001 mm 25.4 mm = 1 inch

The correlation of dry coating weight to coating thickness is shown in the following table:

Dry Coating Thickness			Dry Coating Weight			
Mils	Centimeters	Microns	Mg/Cm ²	Gms/M ²	Oz/Yd ²	Lbs/3,000 Ft Ream
0.1	0.000254	2.54	0.269	2.69	0.0793	1.65
0.5	0.00127	12.7	1.35	13.5	0.398	8.29
1.0	0.00254	25.4	2.69	26.9	0.793	16.5
1.5	0.00381	38.1	4.04	40.4	1.19	24.8
2.0	0.00508	50.8	5.39	53.9	1.59	33.1
2.5	0.00635	63.5	6.73	67.3	1.99	41.3
3.0	0.00762	76.2	8.08	80.8	2.38	49.6