

Tabulation Of Wet Film Thickness Required To Yield Desired Dry Film Thickness

DRY MILS DESIRED

	1	1½	2	2½	3	3½	4	5	6	7	8	9	10
100	1.0	1.5	2.0	2.5	3.0	3.5	4.0	5.0	6.0	7.0	8.0	9.0	10.0
95	1.1	1.6	2.1	2.6	3.2	3.7	4.2	5.3	6.3	7.4	8.4	9.5	10.5
90	1.1	1.7	2.2	2.8	3.3	3.9	4.4	5.6	6.7	7.8	8.9	10.0	11.0
85	1.2	1.8	2.4	2.9	3.5	4.1	4.7	5.9	7.1	8.3	9.4	11.0	12.0
80	1.3	1.9	2.5	3.1	3.8	4.4	5.0	6.2	7.5	8.8	10.0	11.0	13.0
75	1.3	2.0	2.7	3.3	4.0	4.7	5.3	6.7	8.0	9.3	11.0	12.0	13.0
70	1.4	2.1	2.8	3.6	4.3	5.0	5.7	7.1	8.6	10.0	11.0	13.0	14.0
65	1.5	2.3	3.1	3.8	4.6	5.4	6.2	7.7	9.2	11.0	12.0	14.0	15.0
60	1.7	2.5	3.3	4.2	5.0	5.8	6.7	8.3	10.0	12.0	13.0	15.0	17.0
55	1.8	2.7	3.6	4.5	5.5	6.4	7.3	9.1	11.0	13.0	15.0	16.0	18.0
50	2.0	3.0	4.0	5.0	6.0	7.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0
45	2.2	3.3	4.4	5.6	6.7	7.8	8.9	11.0	13.0	16.0	18.0	20.0	22.0
40	2.5	3.7	5.0	6.2	7.5	8.8	10.0	12.0	15.0	17.0	20.0	22.0	25.0
35	2.9	4.3	5.7	7.2	8.6	10.0	11.0	14.0	17.0	20.0	25.0		
30	3.3	5.0	6.7	8.3	10.0	12.0	13.0	17.0	20.0	23.0			
25	4.0	6.0	8.0	10.0	12.0	14.0	16.0	20.0	24.0				
20	5.0	7.5	10.0	12.0	15.0	18.0	20.0						
15	7.0	10.0	13.0	17.0									
10	10.0	15.0	20.0										
5	20.0												

Some helpful formulas:

$$16 \times \% \text{ solids by volume} = \text{dry mil. sq. ft. in a gallon}$$

$$1604 \div \text{wet mils} = \text{sq. ft. per gal. obtainable at that thickness}$$

$$1604 \div \text{spreading rate} = \text{wet film thickness at that spreading rate}$$