

POWDER COATINGS COVERAGE CHART

A typical powder coatings coverage chart in square feet per pound at 100 percent efficiency

Film thickness	Specific gravity										
	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
1 mil	192.2	174.7	160.2	147.8	137.3	128.1	120.1	113.1	106.8	101.2	96.1
2 mils	96.1	87.4	80.1	73.9	68.6	64.1	60.1	56.5	53.4	50.6	48.1
3 mils	64.1	58.2	53.4	49.3	45.8	42.7	40.0	37.7	35.6	33.7	32.0
4 mils	48.1	43.7	40.0	37.0	34.3	32.0	30.0	28.3	26.7	25.3	24.0
5 mils	38.4	34.9	32.0	29.6	27.4	25.6	24.0	22.6	21.4	20.2	19.2
6 mils	32.0	29.1	26.7	24.6	22.9	21.4	20.0	18.8	17.8	16.9	16.0
7 mils	27.5	25.0	22.9	21.1	19.6	18.3	17.2	16.2	15.3	14.5	13.7
8 mils	24.0	21.8	20.0	18.5	17.2	16.0	15.0	14.1	13.3	12.6	12.0
9 mils	21.4	19.4	17.8	16.4	15.3	14.2	13.3	12.6	11.9	11.2	10.7
10 mils	19.2	17.5	16.0	14.8	13.7	12.8	12.0	11.3	10.7	10.1	9.6

The following formula can be used for figuring coverages other than those given in the chart:

$$\frac{192.2 \times \text{Transfer efficiency (\%)}}{\text{Specific gravity} \times \text{Film thickness}} = \text{Coverage in ft}^2/\text{lb at 100\% efficiency}$$

Source: Protech Chemicals, Montreal, Que.