Envirolak

Metric and Imperial Coverage Charts

Per Square Foot

Per Litre

Mils Applied	Square feet per Litre Using Transfer Efficiencies (%)					
	100%	75%	60%	50%	40%	30%
1	424	318	254	212	170	127
2	212	159	127	106	85	64
3	141	106	85	71	57	42
4	106	79	64	53	42	32
4.5	94	71	57	47	38	28
5	85	64	51	42	34	25
5.5	77	58	46	39	31	23
6	71	53	42	35	28	21
7	61	45	36	30	24	18
8	53	40	32	26	21	16
10	42	32	25	21	17	13

Per Gallon

Mils Applied	Square feet per Gallon Using Transfer Efficiencies (%)					
	100%	75%	60%	50%	40%	30%
1	1604	1203	962	802	642	481
2	802	602	481	401	321	241
3	535	401	321	267	214	160
4	401	301	241	201	160	120
4.5	356	267	214	178	143	107
5	321	241	192	160	128	96
5.5	292	219	175	146	117	87
6	267	201	160	134	107	80
7	229	172	137	115	92	69
8	201	150	120	100	80	60
10	160	120	96	80	64	48

Per Square Metre

Per Litre

Mils Applied	Square metres per Litre Using Transfer Efficiencies (%)					
	100%	75%	60%	50%	40%	30%
1	39	30	24	20	16	12
2	20	15	12	10	8	6
3	13	10	8	7	5	4
4	10	7	6	5	4	3
4.5	9	7	5	4	3	3
5	8	6	5	4	3	2
5.5	7	5	4	4	3	2
6	7	5	4	3	3	2
7	6	4	3	3	2	2
8	5	4	3	2	2	1
10	4	3	2	2	2	1

Per Gallon

Mils Applied	Square metres per Gallon Using Transfer Efficiencies (%)					
	100%	75%	60%	50%	40%	30%
1	149	112	89	75	60	45
2	75	56	45	37	30	22
3	50	37	30	25	20	15
4	37	28	22	19	15	11
4.5	33	25	20	17	13	10
5	30	22	18	15	12	9
5.5	27	20	16	14	11	8
6	25	19	15	12	10	7
7	21	16	13	11	9	6
8	19	14	11	9	7	6
10	15	11	9	7	6	4

Please note that the following variables will impact Transfer Efficiency:

Spray technique, Part size, Part geometry, Gun-to-target distance, Coating viscosity, Spray gun design, Method of atomization, Fluid Pressure, Atomizing air pressure, Fan size, Overlapping spray pattern, Diameter of spray gun air cap holes, Air velocity in the booth, Air balance in the booth, Triggering times, Conveyor speed, Painter fatigue, Lighting in the spray area, Ergonomics of the spray area, Ambient temperature, Relative humidity, Painter's astrological sign and how far Mercury is currently in retrograde (okay, those last two were a joke, but seriously, transfer efficiency is nearly impossible to "guess").

Measuring Transfer Efficiency can really only be done by knowing how much paint it took you to spray a certain square footage of substrate one time with specific equipment and using that as an approximation for your future work.