



POWDERED SOILTAC®

Standard Application Coverage Rates

Topical Only	Powdered Soiltac® Concentrate								Traffic Area	Water Additive for Sprayable Dilution						Months Life
	ft²/lb.	lbs./ft²	yd³/lb.	lbs./yd²	lbs./acre	Bags/Acre	m²/kg	gal./lb		gal./Bag	ft³/gal.	gal./acre	L/m²	L/kg	L/Bag	
Water Retention Basin & Pond Lining	4	0.25	0.4	2.25	10,890	198	0.8	No	0.6	30	7.3	6,000	5.6	4.6	115	12-24
Aircraft Runways (Heavy use)	7	0.14	0.8	1.29	6,223	113	1.4	Yes	1.0	53	7.3	6,000	5.6	8.0	201	12-24
Aircraft Runways (single engine)	10	0.10	1.1	0.90	4,356	79	2.0	Yes	1.4	76	7.3	6,000	5.6	11.5	287	12-24
Helicopter Landing Pads (Heavy Craft)	9	0.11	1.0	1.00	4,840	88	1.8	Yes	1.2	68	7.3	6,000	5.6	10.3	258	12-24
Helicopter Landing Pads (Light Craft)	14	0.07	1.6	0.64	3,111	57	2.9	Yes	1.6	88	8.7	5,000	4.7	13.4	335	12-24
Heavy Haul Roads & Mining Roads	12	0.08	1.3	0.75	3,623	66	2.5	Yes	1.4	76	8.7	5,000	4.7	11.5	287	12-24
Military Convoy & Supply Roads	13	0.08	1.4	0.69	3,351	61	2.7	Yes	1.3	74	9.7	4,500	4.2	11.2	280	12-25
Roads (High Traffic)	13	0.08	1.4	0.69	3,351	61	2.7	Yes	1.3	74	9.7	4,500	4.2	11.2	280	12-24
Residential Driveways	13	0.08	1.4	0.69	3,351	61	2.7	Yes	1.3	74	9.7	4,500	4.2	11.2	280	12-24
Parking Lots	13	0.08	1.4	0.69	3,351	61	2.7	Yes	1.3	74	9.7	4,500	4.2	11.2	280	12-24
Roads (Light Traffic)	14	0.07	1.6	0.64	3,111	57	2.9	Yes	1.4	80	9.7	4,500	4.2	12.0	301	12-24
Golf Course Bunker Liner	10	0.100	1.1	0.90	4,356	79	2.0	Yes	1.1	63	8.7	5,000	4.7	9.6	239	12-24
Golf Course Cart Paths	16	0.063	1.8	0.56	2,723	50	3.3	Yes	1.8	101	8.7	5,000	4.7	15.3	382	12-25
Walking Trails and Paths	20	0.050	2.2	0.45	2,178	40	4.1	Yes	2.1	114	9.7	4,500	4.2	17.2	430	12-24
Road Sealer over Soiltac Stabilized Base	20	0.050	2.2	0.45	2,178	40	4.1	Yes	0.9	51	21.8	2,000	1.9	7.6	191	12-27
BMX Tracks	24	0.042	2.7	0.38	1,815	33	4.9	Yes	2.2	121	10.9	4,000	3.7	18.4	459	12-26
Temporary Parking Lots	24	0.042	2.7	0.38	1,815	33	4.9	Yes	2.2	121	10.9	4,000	3.7	18.4	459	12-25
Temporary Roads & Detours	30	0.033	3.3	0.30	1,452	26	6.1	Yes	2.8	152	10.9	4,000	3.7	22.9	574	12-25
Road Shoulders	32	0.031	3.6	0.28	1,361	25	6.6	Yes	2.9	162	10.9	4,000	3.7	24.5	612	12-27
Slope Erosion Control (Steep Slope)	20	0.050	2.2	0.45	2,178	40	4.1	No	1.1	63	17.4	2,500	2.3	9.6	239	12-24
Slope Erosion Control (Average Slope)	36	0.028	4.0	0.25	1,210	22	7.4	No	2.1	114	17.4	2,500	2.3	17.2	430	12-24
Slope Erosion Control (Light Slope)	44	0.023	4.9	0.20	990	18	9.0	No	2.5	139	17.4	2,500	2.3	21.0	526	12-24
Stock Pile Dust Capping (Steep Slope)	44	0.023	4.9	0.20	990	18	9.0	No	2.0	111	21.8	2,000	1.9	16.8	421	12-24
Stock Pile Dust Capping (Average Slope)	54	0.019	6.0	0.17	807	15	11.1	No	2.5	136	21.8	2,000	1.9	20.6	516	12-24
Stock Pile Dust Capping (Light Slope)	64	0.016	7.1	0.14	681	12	13.1	No	2.9	162	21.8	2,000	1.9	24.5	612	12-24
Hazardous Material Capping & Sealing	32	0.031	3.6	0.28	1,361	25	6.6	No	1.8	101	17.4	2,500	2.3	15.3	382	3-9
Landfill Capping & Reclamation	72	0.014	8.0	0.13	605	11	14.7	No	2.5	136	29.0	1,500	1.4	20.6	516	3-8
Odor & Vapor Suppression	72	0.014	8.0	0.13	605	11	14.7	No	4.1	227	17.4	2,500	2.3	34.4	860	3-10
Mine Tailings Capping & Reclamation	90	0.011	10.0	0.10	484	9	18.4	No	3.1	170	29.0	1,500	1.4	25.8	645	3-7
Coal Rail Car Capping	200	0.005	22.2	0.05	218	4	41.0	No	6.9	379	29.0	1,500	1.4	57.4	1,434	3-7
Dust Control (30 Days)	250	0.004	27.8	0.04	174	3	51.2	No	6.9	379	36.3	1,200	1.1	57.4	1,434	1+
Dust Control (90 days)	159	0.006	17.7	0.06	274	5	32.6	No	4.4	241	36.3	1,200	1.1	36.5	912	3+
Dust Control (6 Months)	116	0.009	12.9	0.08	376	7	23.8	No	3.2	176	36.3	1,200	1.1	26.6	665	6+
Dust Control (12 Months)	83	0.012	9.2	0.11	525	10	17.0	No	2.3	126	36.3	1,200	1.1	19.0	476	12+
Dust Control (12-24 Months)	64	0.016	7.1	0.14	681	12	13.1	No	1.8	97	36.3	1,200	1.1	14.7	367	12-24
Hydroseed & Hydromulch Tackifier	348	0.003	38.7	0.03	125	2	71.3	No	8.0	439	43.6	1,000	0.9	66.5	1,663	3-6

Mixed-In / Processed** (by Surface Area)	ft²/lb.	lbs./ft²	yd³/lb.	lbs./yd²	lbs./acre	ft²/Bag	yd²/Bag	m²/Bag	Bags/Acre	m²/kg
Base Stabilization Light (4"-10cm deep)	9	0.11	1.0	1.00	4,840	495	55	46	88	1.8
Base Stabilization Average (4"-10cm deep)	7	0.14	1.3	0.78	6,223	385	71	36	113	1.4
Base Stabilization Heavy (4"-10cm deep)	5	0.20	1.8	0.56	8,712	275	99	26	158	1.0
Road Pot Hole Repair (4"-10cm deep)	5	0.20	1.8	0.56	8,712	275	99	26	158	1.0
Adobe Blocks & Earth Blocks (6"-15cm Height)	7	0.14	1.3	0.78	6,223	385	71	36	113	1.4
Base Stabilization Light (6"-15cm deep)	7	0.14	1.3	0.78	6,223	385	71	36	113	1.4
Base Stabilization Average (6"-15cm deep)	5	0.20	1.8	0.56	8,712	275	99	26	158	1.0
Base Stabilization Heavy (6"-15cm deep)	3	0.33	3.0	0.33	14,520	165	165	15	264	0.6

Mixed-In / Processed** (by Volume)	ft³/lb.	lbs./ft³	yd³/lb.	lbs./yd³	m³/kg	ft³/Bag	yd³/Bag	m³/Bag
Base Stabilization Light	3.50	0.29	0.13	8	0.22	193	7	5.5
Base Stabilization Average	2.50	0.40	0.09	11	0.16	138	5	3.9
Base Stabilization Heavy	1.50	0.67	0.06	18	0.09	83	3	2.3

**Dilution rates for mix-in/processed applications are based on the difference between optimum moisture (OMC) and in-situ moisture levels. Please consult with your local Powdered Soiltac® representative to calculate recommended dilution rates for all mix-in applications.

Application coverage and dilution rates may vary depending on traffic volume, load bearing capacity, soil type, weather conditions, soil moisture levels and compaction. All Mixed-in/Processed applications require laboratory and on-site testing to determine optimal application and dilution rates.