

SOILTAC[®]

Standard Application Coverage Rates

(Topical Only)	Undiluted Concentrate									Parts Water	Traffic Area	Dilution		Life (months)
	Standard					Metric						gal./Acre	gal./SY	
	ft ² /gal.	gal./ft ²	yd ² /gal.	gal./yd ²	gal./acre	m ² /gal	gal./m ²	m ² /L	L/m ²					
Water Retention Basin & Pond Lining	20	0.0500	2.2	0.450	2,178	1.9	0.538	0.5	2.04	2	No	6,534	1.35	12-24
Aircraft Runways (Heavy use)	35	0.0286	3.9	0.257	1,245	3.3	0.308	0.9	1.16	4	Yes	6,223	1.29	12-24
Aircraft Runways (single engine)	50	0.0200	5.6	0.180	871	4.6	0.215	1.2	0.81	6	Yes	6,098	1.26	12-24
Helicopter Landing Pads (Heavy Craft)	45	0.0222	5.0	0.200	968	4.2	0.239	1.1	0.91	5	Yes	5,808	1.20	12-24
Helicopter Landing Pads (Light Craft)	70	0.0143	7.8	0.129	622	6.5	0.154	1.7	0.58	8	Yes	5,601	1.16	12-24
Heavy Haul Roads & Mining Roads	60	0.0167	6.7	0.150	726	5.6	0.179	1.5	0.68	6	Yes	5,082	1.05	12-24
Military Convoy & Supply Roads	65	0.0154	7.2	0.138	670	6.0	0.166	1.6	0.63	6	Yes	4,691	0.97	12-24
Roads (High Traffic)	65	0.0154	7.2	0.138	670	6.0	0.166	1.6	0.63	6	Yes	4,691	0.97	12-24
Residential Driveways	65	0.0154	7.2	0.138	670	6.0	0.166	1.6	0.63	6	Yes	4,691	0.97	12-24
Parking Lots	65	0.0154	7.2	0.138	670	6.0	0.166	1.6	0.63	6	Yes	4,691	0.97	12-24
Roads (Light Traffic)	70	0.0143	7.8	0.129	622	6.5	0.154	1.7	0.58	7	Yes	4,978	1.03	12-24
Golf Course Bunker Liner	50	0.0200	5.6	0.180	871	4.6	0.215	1.2	0.81	5	Yes	5,227	1.08	12-24
Golf Course Cart Paths	80	0.0125	8.9	0.113	545	7.4	0.135	2.0	0.51	8	Yes	4,901	1.01	12-24
Walking Trails and Paths	100	0.0100	11.1	0.090	436	9.3	0.108	2.5	0.41	10	Yes	4,792	0.99	12-24
Road Sealer over Soiltac Stabilized Base	100	0.0100	11.1	0.090	436	9.3	0.108	2.5	0.41	4	Yes	2,178	0.45	12-24
BMX Tracks	120	0.0083	13.3	0.075	363	11.1	0.090	2.9	0.34	10	Yes	3,993	0.83	9-16
Temporary Parking Lots	120	0.0083	13.3	0.075	363	11.1	0.090	2.9	0.34	10	Yes	3,993	0.83	1-3
Temporary Roads & Detours	150	0.0067	16.7	0.060	290	13.9	0.072	3.7	0.27	13	Yes	4,066	0.84	1-3
Road Shoulders	160	0.0063	17.8	0.056	272	14.9	0.067	3.9	0.25	14	Yes	4,084	0.84	12-24
Slope Erosion Control (Steep Slope)	100	0.0100	11	0.090	436	9	0.108	2	0.41	5	No	2,614	0.54	12-24
Slope Erosion Control (Average Slope)	180	0.0056	20	0.050	242	17	0.060	4	0.23	10	No	2,662	0.55	12-24
Slope Erosion Control (Light Slope)	220	0.0045	24	0.041	198	20	0.049	5	0.19	12	No	2,574	0.53	12-24
Stock Pile Dust Capping (Steep Slope)	220	0.0045	24	0.041	198	20	0.049	5	0.19	9	No	1,980	0.41	12-24
Stock Pile Dust Capping (Average Slope)	270	0.0037	30	0.033	161	25	0.040	7	0.15	12	No	2,097	0.43	12-24
Stock Pile Dust Capping (Light Slope)	320	0.0031	36	0.028	136	30	0.034	8	0.13	14	No	2,042	0.42	12-24
Hazardous Material Capping & Sealing	160	0.0063	18	0.056	272	15	0.067	4	0.25	8	No	2,450	0.51	12-24
Landfill Capping & Reclamation	360	0.0028	40	0.025	121	33	0.030	9	0.11	10	No	1,331	0.28	12-24
Odor & Vapor Suppression	360	0.0028	40	0.025	121	33	0.030	9	0.11	20	No	2,541	0.53	12-24
Mine Tailings Capping & Reclamation	450	0.0022	50	0.020	97	42	0.024	11	0.09	12	No	1,258	0.26	12-24
Coal Rail Car Capping	1,000	0.0010	111	0.009	44	93	0.011	25	0.04	29	No	1,307	0.27	1+
Dust Control (30 Days)	1,250	0.0008	139	0.007	35	116	0.009	31	0.03	34	No	1,220	0.25	1+
Dust Control (90 days)	795	0.0013	88	0.011	55	74	0.014	20	0.05	21	No	1,205	0.25	3+
Dust Control (6 Months)	580	0.0017	64	0.016	75	54	0.019	14	0.07	15	No	1,202	0.25	6+
Dust Control (12 Months)	415	0.0024	46	0.022	105	39	0.026	10	0.10	11	No	1,260	0.26	12+
Dust Control (12-24 Months)	320	0.0031	36	0.028	136	30	0.034	8	0.13	8	No	1,225	0.25	12-24
Hydroseed & Hydromulch Tackifier	1,740	0.0006	193	0.005	25	162	0.006	43	0.02	40	No	1,026	0.21	3-6
(Mixed-in / Processed)														
Base Stabilization Light (4"-10cm deep)	45	0.0222	5.0	0.200	968	4.2	0.239	1.1	0.91					
Base Stabilization Average (4"-10cm deep)	35	0.0286	3.9	0.257	1,245	3.3	0.308	0.9	1.16					
Base Stabilization Heavy (4"-10cm deep)	25	0.0400	2.8	0.360	1,742	2.3	0.431	0.6	1.63					
Road Pot Hole Repair (4"-10cm deep)	25	0.0400	2.8	0.360	1,742	2.3	0.431	0.6	1.63					
Adobe Blocks & Earth Blocks (6"-15cm Tall)	35	0.0286	3.9	0.257	1,245	3.3	0.308	0.9	1.16					
Base Stabilization Light (6"-15cm deep)	35	0.0286	3.9	0.257	1,245	3.3	0.308	0.9	1.16					
Base Stabilization Average (6"-15cm deep)	25	0.0400	2.8	0.360	1,742	2.3	0.431	0.6	1.63					
Base Stabilization Heavy (6"-15cm deep)	15	0.0667	1.7	0.600	2,904	1.4	0.718	0.4	2.72					

**Dilution rates for mix-in/processed applications are based on the difference between optimum moisture and in-situ moisture levels.
 Please consult with your local 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.