

SOILTAC®

Topical Traffic & Non-Traffic Application Overview (for 1-Liter Sample Bottle Test Plot)

1.) Prepare the Site:

Dry Soil: The test plot should be completely dry and free from water.

Weather: The test plot must be free from rain for a minimum of 72 hours after the application. Temperature must be at least 40°F (4°C).

Compaction: Compact the test plot to a minimum of 95%. (*Optional for No-Traffic test plot*)

Drainage: Contour and crown the test plot to provide for proper drainage.

Loose Aggregate: Remove any loose aggregate, soil or debris from the test plot. (*Optional for No-Traffic*)

Pre-Wetting (Optional): Optimally, pre-wet the test plot with water (only) at a rate of 100 ft²/gal. (2 m²/L) to break the surface tension and increase penetration depth.



Non-Traffic Test Plot Specifications – Based on “Dust Control (12-24 month)” rate of 320 ft²/gal. (8 m²/L)

Test Plot Size = 85 ft² (8 m²) = **110”x110” (280cm x 280cm)**

Optional Water Only Pre-Wet = **0.85 gallons or 14 cups (4 liters)**

Water to Soiltac® Ratio = 14 Parts Water = **3.7 gallons or 60 cups (14 liters)**

Total Soiltac® Dilution = **4 gallons or 64 cups (15 liters)**

Traffic Area Test Plot Specifications – Based on “Roads (high traffic)” rate of 65 ft²/gal. (1.6 m²/L)

Test Plot Size = 17 ft² (1.6 m²) = **50”x50” (130cm x 130cm)**

Optional Water Only Pre-Wet = **0.17 gallons or 3 cups (0.65 liters)**

Water to Soiltac® Ratio = 6 Parts Water = **1.6 gallons or 26 cups (6 liters)**

Total Soiltac® Dilution = **1.85 gallons or 30 cups (7 liters)**



2.) Prepare the Soiltac® Dilution:

Water: Fill the application equipment with the recommended volume of water (see above).

Soiltac®: Fill the application equipment with the recommended volume of Soiltac® concentrate (see above).

3.) Apply the Soiltac® Dilution

Multiple Coats: Apply the Soiltac® dilution in (1-2 coats for non-traffic) or (4-5 coats for traffic) onto the test plot.

Drying: Each successive coat of Soiltac® dilution should be applied in a timely manner to ensure that the surface always stays wet with the Soiltac® dilution.

DO NOT allow the Soiltac® dilution to dry between the application coats. Failure to do so will result in an underperforming “skin” layer rather than a penetrating layer.



4.) Clean the Application Equipment

Rinse: Rinse off the application equipment thoroughly with water until clean.

5.) Finish - Allow Site to Dry/Cure

Curing: Allow the test plot to dry and cure for a minimum of 24 hours (@70°F/21°C).

Non-Traffic Test Area: Prevent any human activity over the test plot.

Traffic Test Area: Prevent any human activity over the test plot until it has completely cured.



(1 Liter = 0.26 gallons = 4.2 cups)