

# SOIL STABILIZATION SPREADSHEET

## UNITS

METRIC  ENGLISH

## STABILIZER TO USE

M10+50  LBS

INPUT DATA		
<b>SOIL</b>		
Dry Density	1967.00	kg/m3
Optimum Moisture	9.10	%
In situ Moisture	5.00	%
Water truck capacity	3000.00	gal
<b>STABILIZER</b>		
M10+50		
Suggest rate	2 to 20	lt/m3
Application rate	3.50	lt/m3
<b>TREATED ROAD</b>		
Width	9.00	m
Length	1000.00	m
Depth	0.30	m

OUTPUT DATA		
<b>TREATED ROAD</b>		
Area	9000.00	m2
Volume	2700.00	m3
<b>STABILIZER</b>		
Application rate	0.19	%
Volume to use	9450.00	liters
Drums 55 gal	45.00	units
Total Weight	9990.00	kg
<b>WATER</b>		
Amount required	4.10	%
Volume to use	101250.00	liters
Volume to use	26740.13	gal
Total Weight	101250.00	kg
<b>WATER TRUCK</b>		
Total truck loads	10.00	units
Drums per truck load	4.50	units
Water per truck load	2674.01	gal

## INSTRUCTIONS

- 1) For units & stabilizer mark with an "X" the yellow box
- 2) Fill only the yellow boxes.
- 3) When finished hit enter.

After you hit enter the spreadsheet will give the proper additions in the green rows.

## CAPACITIES

Drums = 55-Gallons/208 Liters  
 Totes= 275-gallons/1040 Liters  
 Flexitank= 5,500-gallons/20,820 Liters

**USE THIS CALCULATOR TO  
 DETERMINE THE AMOUNT OF  
 ENVIROSEAL M10+50 AND OR LBS AND WATER  
 TO BE USED FOR YOUR APPLICATION**