



# DESIGNER SOIL UTELITE E-SOIL® PLANTER SOIL MIX

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## PART 1: GENERAL

### \*PLANTER SOIL MIX

A. Utelite Soil Conditioner	25%
B. Screened Topsoil	50%
C. Approved Compost	25%

\*Proportions of Utelite Soil Conditioner, Topsoil and Approved Compost can be altered to accommodate project specific considerations.

## PART 2: COMPONENTS

### A. Utelite Soil Conditioner

Utelite 'Fines' Expanded Shale Aggregate

\*pH range: 7.5 – 9.0  
Water retention: 15 – 25%  
Bulk density (cu. ft.): 50 – 55 lbs  
Saturated weight (cu. ft.): 60 – 75 lbs

*\*High pH is rapidly neutralized by acidity of organic components.*

### B. Screened Topsoil

Texture

30% - 50% Sand  
30% - 50% Silt  
10% - 25% Clay  
<5% Organic Matter

### C. Approved Compost

pH	6 – 8
Soluble Salts	<5
Sodium Adsorption Ratio	<10
Carbon / Nitrogen Ratio	<20:1
Moisture %	25 – 35
Coarse Material 98% Passing	3/8"

### **PART 3: BLENDING INSTRUCTIONS**

1. Mechanically mix sand and clay thoroughly (if necessary) to meet loamy top soil specification.
2. Mechanically mix 2 parts of the loamy topsoil to 1 part Utelite Soil Conditioner and 1 part approved Compost until a uniform distribution of the components is achieved.
3. When stockpiling the finished mix, cover the pile with a plastic tarp to prevent drying out and soil separation from rain.

### **PART 4: SOIL PLACEMENT**

Fill planter with Planter Soil Mix as specified by the Landscape Architect.