

UTELITE

UTELITE SOIL CONDITIONER

Utelite Corporation

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PART 1: GENERAL

A. SOIL CONDITIONER

Utelite 'Fines' Expanded Shale 100%

PART 2: PROPERTIES

A. Utelite 'Fines' Rotary Kiln Expanded Shale Lightweight Aggregate

- a. Loose Bulk density (cu. ft.): 50 – 55 lbs
- b. Saturated weight (cu. ft.): 60 – 75 lbs
- c. Moisture Retention 15 – 25%
- d. Saturated Hydraulic Conductivity (in/hr) > 120
- e. Porosity (%) Non-Capillary 34.9 Capillary 23.5 Total 58.5

PART 3: BLENDING WITH SOIL

- 1. Clear soil surface of any unwanted debris – weeds, rocks, construction debris, limbs, garbage, etc.
- 2. Fill in or smooth soil surface to desired elevation.
- 3. Spread specified amount of Utelite Soil Conditioner evenly over the soil surface.
- 4. Spread compost or other amendments (if needed) over the soil surface.
- 5. Using a mechanical tiller, thoroughly incorporate the Utelite Soil Conditioner into the top 6 – 8 inches of soil.
- 6. Level the surface smooth and install landscape plants or sod as specified.