



INTENSIVE GREEN ROOF LIGHTWEIGHT PLANTING MEDIA

PART 1: GENERAL

* INTENSIVE LIGHTWEIGHT PLANTING MEDIA

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|-----------------------------------|-----|
| A. Utelite 'Fines' Expanded Shale | 40% |
| B. Sand | 20% |
| C. Approved Organic Matter | 40% |

**Note: Actual component proportions can be adjusted to meet project specific requirements.*

PART 2: PRODUCTS

A. Utelite 'Fines' Expanded Shale

Acceptable Expanded Shale Manufacturer and Supplier:

**Utelite Corporation, Scott Jenson, 801-243-9348, sjenson@utelite.com
PO Box 387, Coalville, UT 84017**

B. Sand

Root Zone Sand or Equivalent.

C. Approved Organic Matter

| | |
|----------------------------------|---------|
| pH | 6 – 8 |
| Soluble Salts | <5 |
| Sodium Adsorption Ratio | <10 |
| Carbon / Nitrogen Ratio | <40:1 |
| Moisture % | 25 – 35 |
| Coarse Material 98% Passing 3/8" | |

PART 3: BLENDING PROCEDURE

1. To ensure proper soil component distribution, wet the Utelite Fines prior to mixing. Care should also be taken to ensure proper moisture content for the organic matter.

2. Mechanically mix 1 part Sand to 2 parts Approved Organic Matter and 2 parts Utelite Fines to provide a uniform distribution of the components.
3. When stockpiling the finished mix, cover the pile with a plastic tarp to prevent drying out or soil separation from rain.