



BIO-RETENTION / FILTERING SOIL

Bio-Swales, Rain Gardens, Filter Strips, Wetlands, Rain Basins, Filtering Media

Utelite Expanded Shale ceramic lightweight aggregate is providing new, consistent and cost effective options for managing storm water. Utelite Expanded Shale offers low-maintenance solutions that meet existing and proposed government regulations without the use of chemicals, specialized equipment or major facility upgrades. Onsite storm water management contributes toward LEED green building certification credit.

Physical Properties

- High quality ceramic aggregate
- Structurally strong & physically stable
- Consistent & dependable performance
- Non toxic—Environmentally inert
- Will not degrade over time
- Porous Structure with greater surface area
- Maintains hydraulic flow



Performance Properties

- Long—term, consistent, predictable results
- Removes or reduces phosphorous, arsenic, metals, grease, oils and more
- Combines nutrient removal and effluent filtration for cleaner discharge
- Employs ion exchange to enhance treatment process
- Removes TSS and soil material to prevent clogging
- Longer service life
- Economical, readily available and easy to use



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