

2018

We Mix to Meet Your Specifications

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Engineered Soils

Engineered Soil is specialized media designed to meet specific performance criteria or site conditions. Our standard medias provide solutions from tree preservation to green roofs. Working on a special project? Let us partner with you to develop and produce custom soil and soilless media or blended components to meet your specifications. It's important to provide a full specification for each project as there are requirements listed in different parts of the job specification. The specification also details the sampling and submittal process that must be followed.

CU-Structural Soil®

Developed and tested at Cornell University, CU-Structural Soil® is a media designed to provide increased rooting volume for trees in plantings adjacent to pavement. This mix is a revolutionary patented stone/soil tree mix that extends urban tree life and growth, optimizes root space under pavement, increases porosity and drainage while providing a stable pavement base. Midwest Trading is licensed to produce CU-Structural Soil® under strict qualifications. This is a non-stocked item, please allow time for production scheduling.

- ▶ CU-Structural Soil® - Limestone
- ▶ CU-Structural Soil® - Non-Limestone

Midwest Roof Media

Formulated under the German FLL standards, Midwest Trading specializes in a variety of green roof and roof garden growing media for many different applications. A popular global trend in urban settings, green roofs and roof gardens reduce runoff, lower ambient air temperatures, reduce air and ozone pollutants, provide a habitat for wildlife, improve site aesthetics and increase real estate value.

- ▶ Midwest Extensive Media
- ▶ Midwest Intensive Media
- ▶ Midwest Semi Intensive Media
- ▶ Midwest Roof Turf Media



Midwest Trading supplied most of the media used to create the Lurie Garden in Chicago's Millennium Park

Engineered Soils

| Product Name & Ingredients | Ideal Uses |
|---|--|
| All Purpose Potting Soil - NEW! 3/8" Southern Pine Bark Fines, 1/2" Southern Pine Bark Fines, Canadian Sphagnum Peat Moss, Coconut Coir, Controlled Release Fertilizer 19-5-8 (8-9 month) at a rate of 6 #/CY, Blue Chip, Phosphorous, Dolomitic & Calcitic Lime, Wetting Agent | New and improved, now with Controlled Release Fertilizer. Ideal for all size containers and hanging baskets; may also be used as a soil amendment. Offers a superb balance of drainage and water retention. |
| Bioswale Mix Sand, Topsoil, Compost | Provides good drainage and is designed to remove silt and pollution from surface runoff water. <i>Can be mixed to specification (call for pricing)</i> |
| CM66 (Grower's Mix with Perlite) 40-50% Canadian Sphagnum Peat Moss, 30-40% Perlite, Compost, Sand, Blue Chip, Phosphorus, Wetting Agent | Lightweight media ideal for seasonal planting on small roof terraces and deck plantings. |
| CU-Structural Soil® - Limestone Crushed Stone (Limestone), Clay Loam, Hydro-gel Stabilizer | Media for trees in urban plantings adjacent to or under pavements. Please allow time for production. |
| CU-Structural Soil® - Non-Limestone Crushed Stone (Quartzite), Clay Loam, Hydro-gel Stabilizer | Media for trees in urban plantings adjacent to or under pavements. Please allow time for production. |
| Lightweight Mineral Aggregate Coarse Mineral Aggregate, Medium Mineral Aggregate, Fine Mineral Aggregate | Lightweight aggregate increases porosity in soils and mixes. |
| Midwest Extensive Roof Media Proprietary blend formulated under FLL standards | Ideal for a green roof with a shallow depth of 3-6". |
| Midwest Semi-Intensive Roof Media Proprietary blend formulated under FLL standards | Characteristics and attributes of both Extensive & Intensive Media, designed for a diverse plant selection. Ideal for a depth of 6-8". |
| Midwest Intensive Roof Media Proprietary blend formulated under FLL standards | Provides the greatest diversity for plant material, ideal for intensive green roofs with a depth greater than 8". |
| Midwest Roof Turf Media Proprietary blend formulated under FLL standards | Media for turf areas on green roofs 6-8" depths. |
| One Step 1/2" Southern Pine Bark Fines, Compost, Leaf Mulch, Hardwood Fines, Iron Sulfate, Blue Chip, Gypsum, with added Mycorrhizae | Multi-purpose media can be used as a soil amendment or conditioner to prepare landscape beds for annuals, perennials, groundcovers or shrubs. Also excellent as a mulch after planting. Simply apply a thin layer over the amended planting surface. |
| PM35 Planter Mix 1/2" Southern Pine Bark Fines, Topsoil, Compost, Sand, Blue Chip | Ideal for raised planters at grade or over structures. Makes an excellent pre-blended backfill for plantings. |
| Rain Garden Mix Topsoil, Compost, Sand | Filters run off water to allow slow infiltration into the soil basin. <i>Can be mixed to specification (call for pricing).</i> |

| ENGINEERED SOILS | Purpose/Use | | | | *Site Accessibility | |
|-------------------------------------|-----------------------|-----------------|---------------------------|------------------|---------------------|------|
| | Decorative Containers | Raised Planters | Rooftop & Terrace Gardens | Soil Replacement | Bagged | Bulk |
| Bioswale Mix (Standard) | | | | X | | X |
| CM66 - Container Mix | X | X | X | | X | X |
| CU-Structural Soil® - Limestone | | | | X | | X |
| CU-Structural Soil® - Non-Limestone | | | | X | | X |
| All Purpose Potting Soil | X | X | X | | X | X |
| Lightweight Mineral Aggregate | | | X | | X | X |
| Midwest Roof Media - All | | | X | | X | X |
| One Step Soil Conditioner | | | | X | X | X |
| PM35 Planter Mix | X | X | X | X | X | X |
| Rain Garden Mix (Standard) | | | | X | | X |

**Is the site conducive to a dump truck drop for bulk loads, or are there space limitations that would require bagged material?*



Please call your sales representative to place your order at (630) 365-1990.